

**TOSHIBA**

**SERVICE MANUAL**  
INTERNET FACSIMILE (FOR e-STUDIO16/20/25)

**GD-1070**



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# Chapter 1 Features and Specifications

## 1. Summary

The Internet Fax enables your machine to transmit the document through the Internet or Intranet. This enables the machine to transmit the document as an E-mail between other Internet Fax machines and computers.

## 2. Features

The Internet Fax Unit has following features.

### **Sending a document as an E-mail through the Internet:**

This machine can send a document as an E-mail through the Internet. The scanned image is transferred to the TIFF images and sent as attached file of an E-mail.

### **Automatic receiving and manual receiving of an E-mail:**

This machine can automatically or manually check the email server to see whether an E-mail has been delivered. If an E-mail has been received, the machine will print out the E-mail.

### **75 one touch key to E-mail:**

The remote party's E-mail address data can be registered to a one touch key. E-mail options can be registered for each address.

### **300 abbreviated dial numbers to E-mail:**

E-mail addresses can be assigned to 300 abbreviated dial numbers in the range from No. 001 to 999.

### **Multi-address transmission function to E-mail:**

Transmissions of the same document to multiple E-mail addresses (up to 375 addresses) are possible using one operation sequence, in which preset abbreviated dial numbers (300), and one touch dial keys (75) can be used. When the multi-key is specified, key pad dialing of up to 1000 digits, or 100 locations, is also possible.

### **Relay transmission to E-mail (Onramp Gateway Transmission):**

The e-STUDIO16/20/25 can serve as a relay station in relay transmission transactions to E-mail address end stations.

### **Offramp Gateway Transmission:**

The e-STUDIO16/20/25 can be used as a Hub Station to forward E-mails from your client computer or Internet Fax machine to the any facsimiles through the public switched telephone network.



**Error E-mail Transmission:**

The E-mail that cannot be printed by the machine can be forwarded to another E-mail address.

**Supporting DSN (Delivery Status Notification):**

Transmission result is retrieved from received DSN message and stored into Activity Report as a transmission report. This machine automatically print the DSN message.

**Supporting MDN (Message Disposition Notification):**

An MDN request is added in the mail header of E-mails. If the machine receives the image data which exceeds the capability of this machine, the machine responds with a failure in the MDN message back to the original sender.

**Additional Functions:**

Enables to configure the FTP (File Transfer Protocol) login name and the password for the LAN-FAX utility, and frame type for the Novell communication, etc.

## 3 Internet Fax Disposition

Before connecting the network, read this section to understand the Internet Fax functions.

### 3.1 POP and SMTP

The available functions depend on whether this machine is set up to use the POP or SMTP for retrieving E-mail from a mail server.

POP (Post Office Protocol) and SMTP (Simple Mail Transfer Protocol):

“SMTP” is a server protocol for sending E-mail messages between servers. Usually the E-mail systems that transfer E-mails over the Internet use SMTP to send messages from one server to another. Then the E-mail message can be retrieved with an E-mail client using either “POP” or “IMAP”. “POP” is a protocol used to retrieve E-mail from a mail server.

When this machine use POP for the Receive Mode:

This machine works as a POP client (MUA). Similar to most e-mail applications, this machine use POP for receiving an E-mail message and SMTP for sending an E-mail message.

When this machine use SMTP for the Receive Mode:

This machine works as one of the mail servers (MTA). The machine can transfer an E-mail message in the SMTP transmission.

The following table shows the available functions according to the type of the protocols set for the Receive Mode.

Functions	Receive Mode	
	POP	SMTP
Send a document as an E-mail	Yes	Yes
Automatic receiving of an E-mail	Yes	Yes
Manual receiving of an E-mail	Yes	No
One Touch Keys to E-mail	Yes	Yes
Abbreviated Dial Numbers to E-mail	Yes	Yes
Multi-address transmission to E-mail	Yes	Yes
Relay Transmission to E-mail (Onramp Gateway)	Yes	Yes
Offramp Gateway	No	Yes
Error E-mail Transmission	Yes	Yes

If the use of the Offramp Gateway function is not necessary, it is recommended that the Receive Mode is set to “POP” because some settings will be required to be set on the mail server if the Receive Mode is set to “SMTP”. For more information about the Offramp Gateway function, see “Chapter 3 FUNCTION SETTINGS - Offramp Gateway Setup”.

## 3.2 Precaution for Internet Transmission

Transmission using the Internet Fax function are the same as E-mail transmissions. Before you start to use the Internet Fax function, it is recommended that you read this section and understand the precautions for Internet Transmission.

- The Internet Fax sends a document to the email server of Internet and it does not send via the PSTN alike regular facsimile transmissions.
- An error mail is sent back from the mail server when the E-mail document fails to be forwarded to the recipient.
- An error mail sometimes is not sent back even if the E-mail has failed. It is highly recommended to confirm that the document has been received by the recipient.
- The Internet transmission has low security. It is recommended that you use regular facsimile transmission when a confidential document is sent.
- It may take a considerable amount of time for the recipient to receive the document because of the line traffic in the Internet.
- If the document being transmitted has a large amount of data it may not be successfully sent due to the configuration of the E-mail server.

## 3.3 Confirmed E-mail Server

The following table shows the list of E-mail servers supported with the Internet Fax kit.

	Server Name	Version
1	Sendmail	8.9.1
	Qpopper	3.0.2
2	Sendmail	8.9.3
	Qpopper	3.0.2
3	Microsoft Exchange	5.5
4	Qmail	1.03
5	LotusDomino	5.0.1a(Intl)

### NOTE:

The mail server listed above may, or may not be used depending on your environment.

## 4. Internet Fax Transmission Overview

The following is an overview of the various transmissions that can be performed using the Internet Fax function.

### 4.1 Internet Fax to Internet Fax

The machine can send a document to another Internet Fax machine through the Internet or Intranet. The document is sent as an E-mail to the Internet Fax machine.

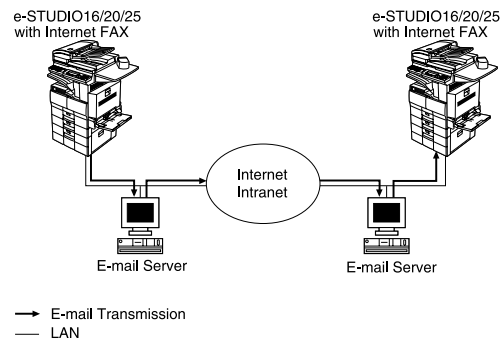


Fig. 4-1-1

### 4.2 Internet Fax to/from Client Computers

The machine can send a document to the client computers through the Internet or Intranet. The client computers can send the E-mail to the machine as well.

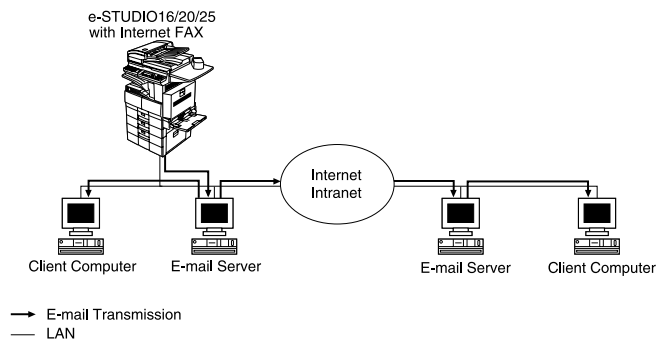


Fig. 4-2-1

#### NOTE:

- The client computer receives TIFF-FX images when the machine sends a document using the Internet Fax function.
- The machine can only print out text files and the TIFF-FX images. When sending E-mail from the client computer to this machine using the E-mail application, files other than text or TIFF-FX images cannot be sent.

### 4.3 Onramp Gateway Transmission

Using the Internet Fax function, E-mail addresses can be assigned to the ITU-T Mailbox in this machine. Therefore, the ITU-T F-code compliant facsimiles can send the document to the ITU-T Mailbox in this machine and this machine forwards the received document to E-mail recipients assigned to the Mailbox using the relay function.

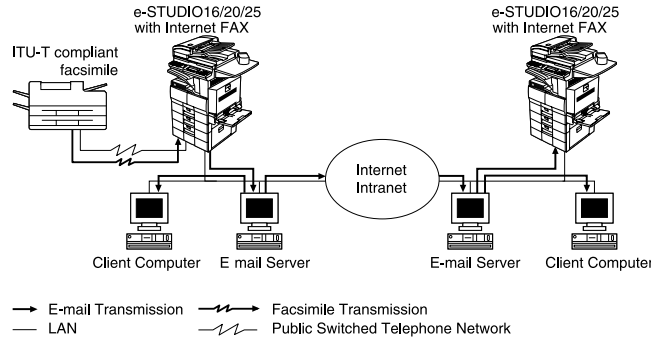


Fig. 4-3-1

**NOTE:**

- Documents sent as an Internet Fax will be received as a TIFF-FX image on the client computer.

For further details about the Onramp Gateway, see “Setup Flow - Onramp Gateway Setup”.

### 4.4 Offramp Gateway Transmission

The machine can forward received E-mail documents to any facsimile through the public telephone line using Offramp Gateway transmission. If another Internet Fax machine or client computer sends a document to the Internet Fax machine through the Internet or Intranet, then the Internet Fax machine can forward the document to another facsimile through the PSTN.

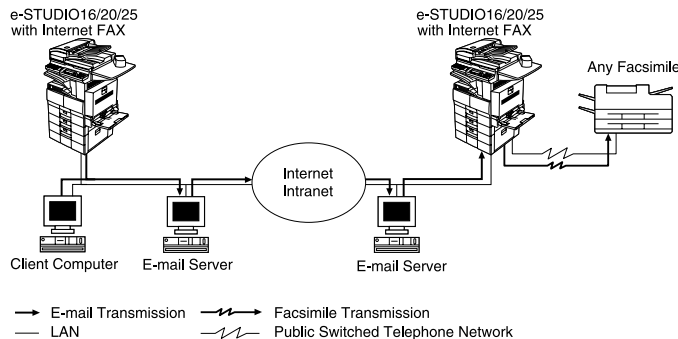


Fig. 4-4-1

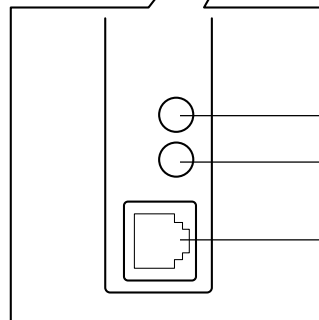
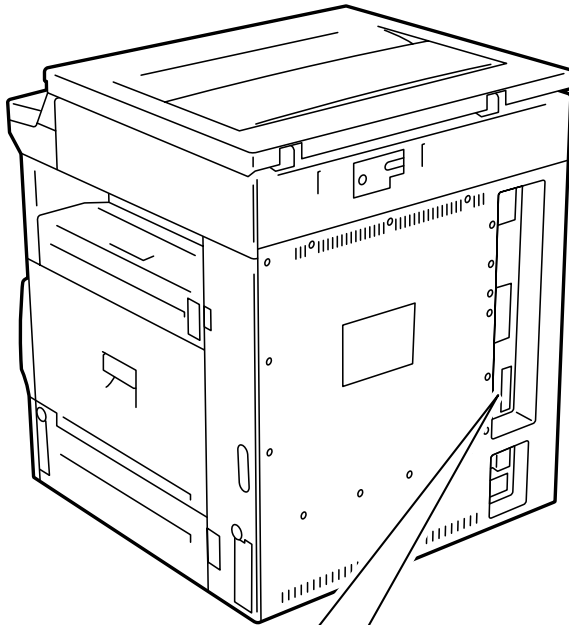
**NOTE:**

- To operate in this transmission, the machine must be set up to enable SMTP transmission. It is also required to configure the some settings on the mail server on your network.
- Documents sent as an Internet Fax will be received as a TIFF-FX image on the client computer.

For further details about the Onramp Gateway, see “ Setup Flow - Offramp Gateway Setup”.

## 5. Copier Unit Description

### 5.1 Rear View



#### **Green Indicator**

The indicator that lights while the network interface card is properly connected to the network.

#### **Amber Indicator**

The indicator that blinks while data is being communicated.

#### **10BASE-T/100BASE-TX I/F**

Connection for the 10BASE-T or 100BASE-TX cable to an Ethernet network.

## 5.2 Operation Panel

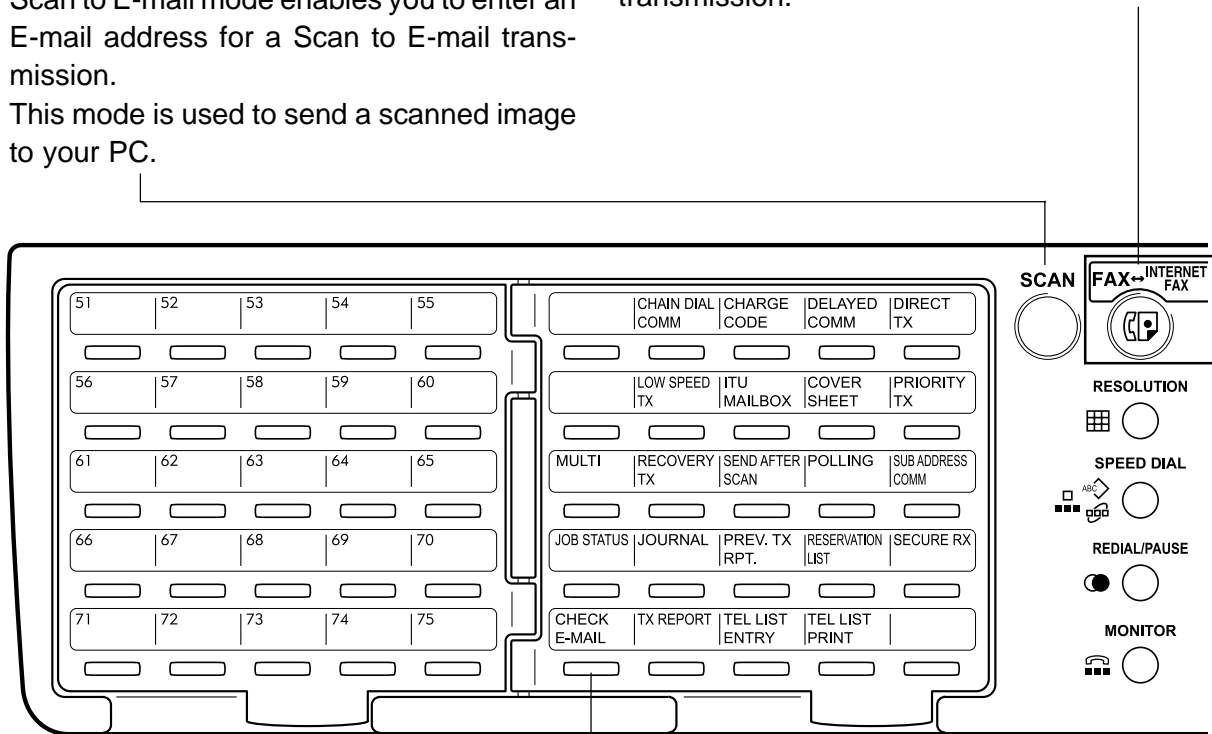
### SCAN

Press to enter the Scan to E-mail mode. The Scan to E-mail mode enables you to enter an E-mail address for a Scan to E-mail transmission.

This mode is used to send a scanned image to your PC.

### FAX/INTERNET FAX

Press two times to enter the Internet Fax mode. The Internet Fax mode enables you to enter an E-mail address for an Internet Fax transmission.



### CHECK E-MAIL

Used to receive an E-mail immediately.

The Internet Fax has two type of sending mode to send scanned images as an E-mail.

### Internet Fax Mode

This mode can be used to send an Internet Fax to other Internet Fax machines or PCs through an Internet. When you send a document in this method, all E-mail Properties settings are applied to this transmission.

### Scan to E-mail Mode

This mode can be used to send an Internet Fax to PCs which are located in your local area network. When you want to scan a document and send the image data to your PC, use this method. This method ignores the E-mail Properties settings of DSN and MDN so that this is useful when you do not require the disposition or notification of E-mail transmission status.

## 6. Specifications

### 6.1 Transport Protocol

Outgoing I-FAX message: ESMTTP, SMTP

Incoming I-FAX message: POP3, ESMTTP, SMTP

- NOTES:**
- If the Receive Mode is set to "SMTP", the machine use the ESMTTP for forwarding and receiving I-FAX messages. If the forward MTA does not support the ESMTTP, this machine changes the protocol to the SMTP.
  - If the Request DSN is set to OFF, this machine use the SMTP to forward the I-FAX message.

### 6.2 Phonebook

#### 6.2.1 Local Phonebook

A Local Phonebook is one of the E-mail address books which lists all the E-mail addresses of the receivers entered in One Touch Dial and Abbreviated Dial.

#### 6.2.2 History Address Book

Sending and Receiving History Address Books are the part of the E-mail address book.

Sending History Address Book: latest 50 maximum E-mail address stored

Receiving History Address Book: latest 50 maximum E-mail address stored

### 6.3 Data Format

#### 6.3.1 MIME Content-type

Text:	ALL (plain richtext, etc.)
Multipart:	mixed, report, alternative
Message:	Delivery-status, rfc822, disposition-notification
Image:	Tiff-FX



### 6.3.2 Internet Fax Document Resolution

The result resolutions vary according to the combination of default settings for the resolution in the Scan Mode and resolution set for the receiver capability.

Scan Mode	Receiver Capability	Result Scanning	Result
Standard	200 x 100 dpi	200 x 100 dpi	200 x 100 dpi
	200 x 200 dpi	200 x 100 dpi	200 x 100 dpi
	200 x 400 dpi	200 x 100 dpi	200 x 100 dpi
	400 x 400 dpi	200 x 100 dpi	200 x 100 dpi
Fine	200 x 100 dpi	200 x 200 dpi	200 x 100 dpi
	200 x 200 dpi	200 x 200 dpi	200 x 200 dpi
	200 x 400 dpi	200 x 200 dpi	200 x 200 dpi
	400 x 400 dpi	200 x 200 dpi	200 x 200 dpi
U-Fine	200 x 100 dpi	400 x 400 dpi	200 x 100 dpi
	200 x 200 dpi	400 x 400 dpi	200 x 200 dpi
	200 x 400 dpi	400 x 400 dpi	200 x 400 dpi
	400 x 400 dpi	400 x 400 dpi	400 x 400 dpi

**NOTE:**

When the Receiver Capability is skipped to be selected, the machine use "200 x 200 dpi" for the receiver capability resolution.

## 7. Limitations

The limitations for operating the Internet Fax functions are described below.

- a. The machine can print the files of text format or TIFF-FX format. Therefore, Any E-mail sent to the Internet Fax should contain only the body text in text format and attached files in TIFF-FX format. Also, when the body text fo an E-mail is sent to the Internet Fax in html format, the Internet Fax prints out the html source of the html message.
- b. The machine can print only the TIFF-FX images whose resolution is either 200x100, 200x200, 200x400, or 400x400.
- c. The parallel interface of the machine is disabled when the optional Internet Fax unit is installed to the machine.
- d. The Offramp Gateway transmission to the international call cannot be performed.
- e. The Offramp Gateway transmission to the multiple destinations cannot be performed. If the machine receives the Offramp Gateway E-mail to several destinations, this machine forwards the facsimile to only the first fax number.
- f. If the mail server does not support the ESMTP, the DSN request has been denied.
- g. This machine can be used as a mail server to enable the Offramp Gateway transmission. However, this machine does not support a full MTA service.

## **Chapter 2. INSTALLATION**

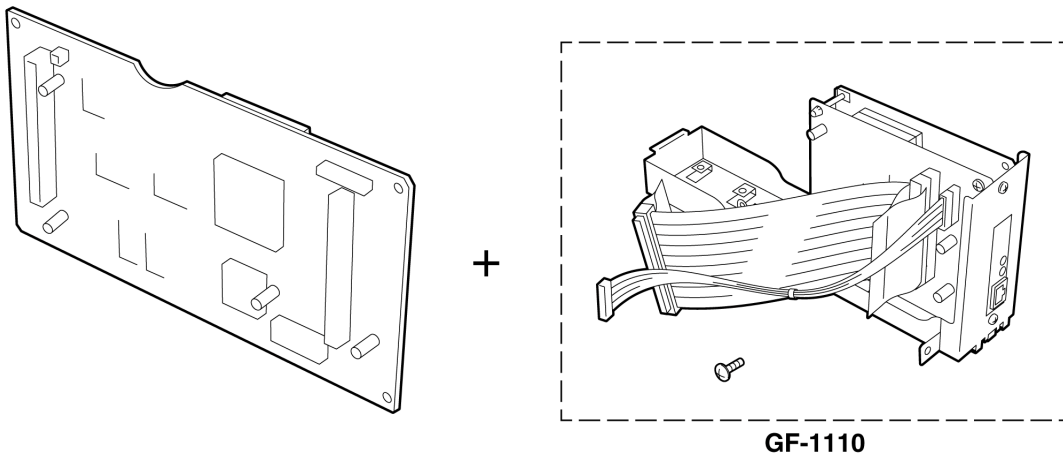
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# Chapter 2 Installation

## 1. Internet Fax Kit Installation

### 1.1 Before Installing the Internet Fax Kit

The following figures show the contents for Internet Fax kit. You also need the Network Interface Card (GF-1110) to install the Internet Fax kit to your e-STUDIO16/20/25.



GF-1110

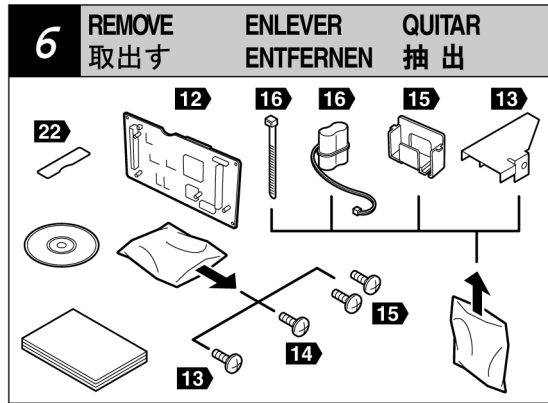
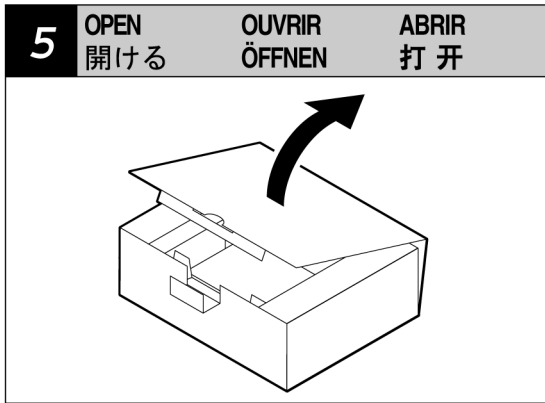
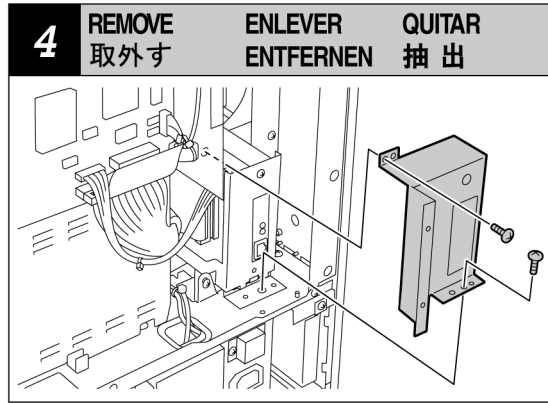
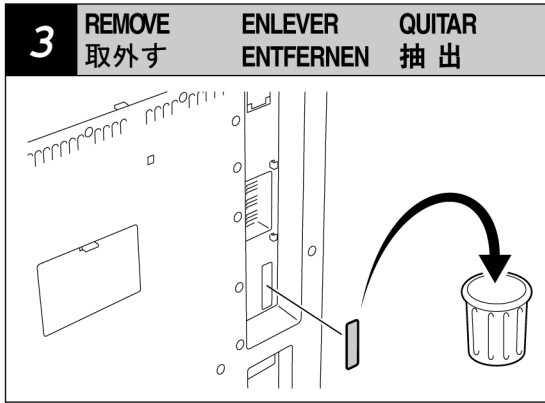
	<b>WARNING</b>	<b>ATTENTION</b>	<b>ADVERTENCIA</b>
	警告	WARNUNG	警告

- The unpacking and set-up procedure shall be done by a qualified service technician.
- 開梱および設置は資格をもったサービス技術者が行わなければなりません。
- La procédure de déballage et de mise en route doit être exécutée par un technicien d'entretien qualifié.
- Auspacken und Installation muß von einem qualifizierten Service-Techniker durchgeführt werden.
- El procedimiento de desembalaje e instalación debe ser realizado por un técnico de servicio cualificado.
- 机器的開箱及安裝必須由專業人員負責。

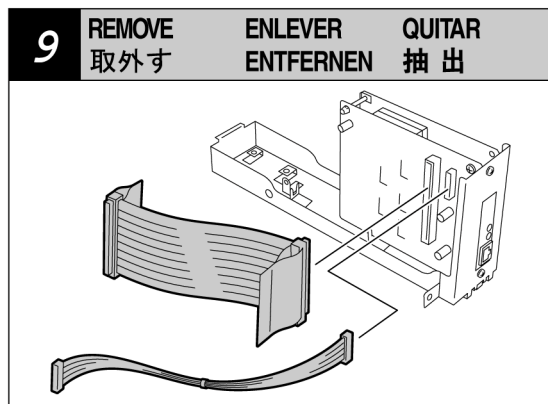
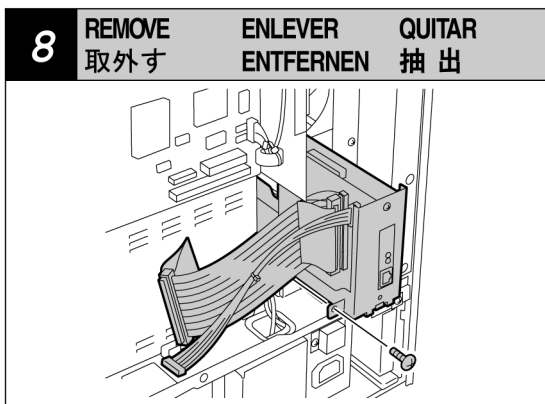
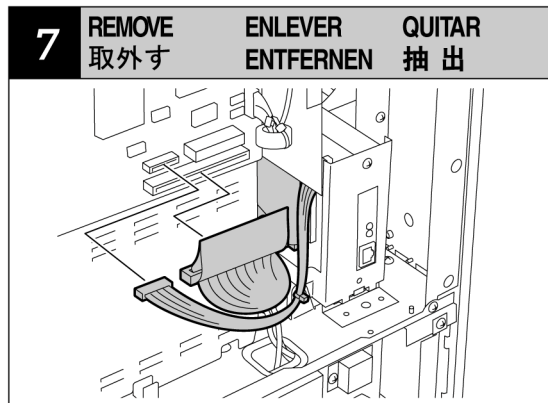
<b>1</b>	<b>UNPLUG</b>	<b>DEBRANCHER</b>	<b>DEENCHUFAR</b>
	抜く	HERAUSZIEHEN	拔下

<b>2</b>	<b>REMOVE</b>	<b>ENLEVER</b>	<b>QUITAR</b>
	取出す	ENTFERNEN	抽出

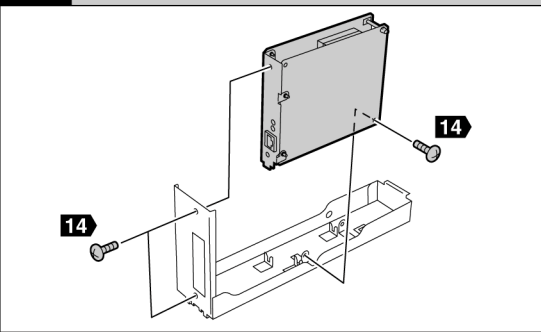
- Follow the procedure in Section 4 if the NIC kit (GF-1110) is mounted on the copier, or procedure in Section 3 if not.
- NIC Kit (GF-1110) が付いていない場合は3項を、NIC Kit (GF-1110) が付いている場合は4項を行う。
- Si le kit NIC (GF-1110) est installé, proceder comme a la section 4. S'il ne l'est pas, proceder comme a la section 3.
- Falls der NIC-Satz (GF-1110) im Kopierer installiert ist, das Verfahren in Abschnitt 4 ausführen; falls nicht, das Verfahren in Abschnitt 3.
- Siga el procedimiento de la sección 4 si esta montado el juego NIC (GF-1110) en la copiadora, o el procedimiento de la sección 3 si no lo esta.
- 如果复印机安装有NIC套件 (GF-1110) 的话, 按第4条的步骤进行; 无NIC套件 (GF-1110) 的话, 按第3条的步骤进行。



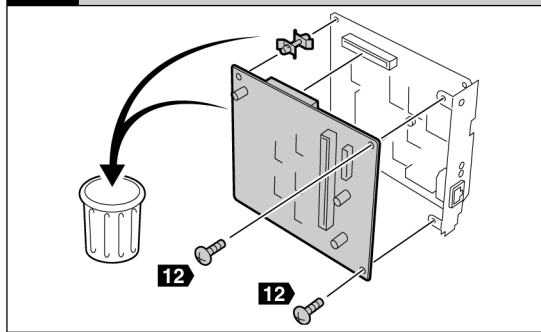
- 7 REMOVE 取外す ENLEVER ENTFERNEN QUITAR 抽出**
- Follow the procedure in Section 7 if the NIC kit (GF-1110) is mounted on the copier, or procedure in Section 9 if not.
  - NIC Kit (GF-1110) が本体に付いている場合は7項を、NIC Kit (GF-1110) が付いていない場合は9項を行う。
  - Si le kit NIC (GF-1110) est installé, procéder comme a la section 7. S'il ne l'est pas, procéder comme a la section 9.
  - Falls der NIC-Satz (GF-1110) im Kopierer installiert ist, das Verfahren in Abschnitt 7 ausführen; falls nicht, das Verfahren in Abschnitt 9.
  - Siga el procedimiento de la seccion 7 si esta montado el juego NIC (GF-1110) en la copiadora, o el procedimiento de la seccion 9 si no lo esta.
  - 如果复印机安装有NIC套件(GF-1110)的话,按第7条的步骤进行;无NIC套件(GF-1110)的话,按第9条的步骤进行。



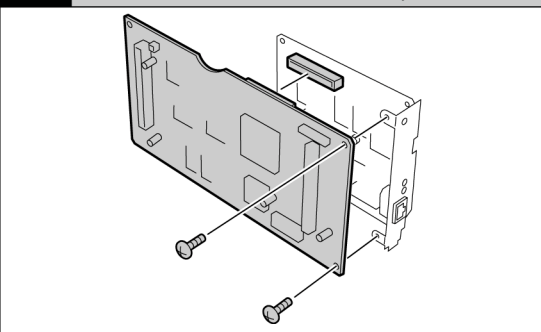
**10** REMOVE 取外す ENLEVER 抽出 QUITAR 抽出  
 ENLEVER ENTFERNEN 抽出



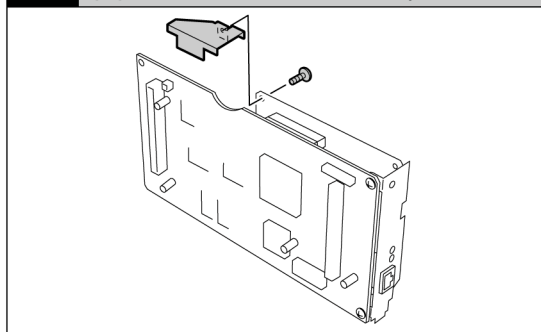
**11** REMOVE 取外す ENLEVER 抽出 QUITAR 抽出  
 ENLEVER ENTFERNEN 抽出



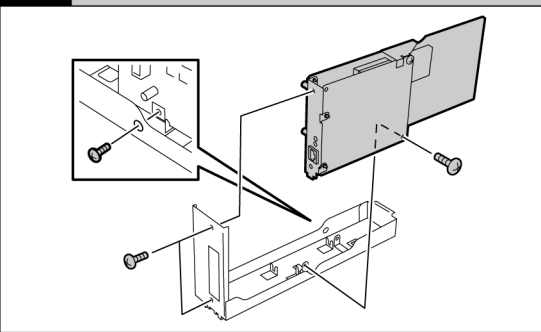
**12** INSTALL 取付ける INSTALLER 装上 INSTALAR 装上  
 INSTALLER EINSETZEN 装上



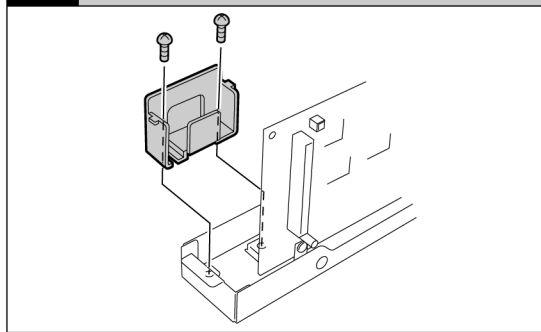
**13** INSTALL 取付ける INSTALLER 装上 INSTALAR 装上  
 INSTALLER EINSETZEN 装上



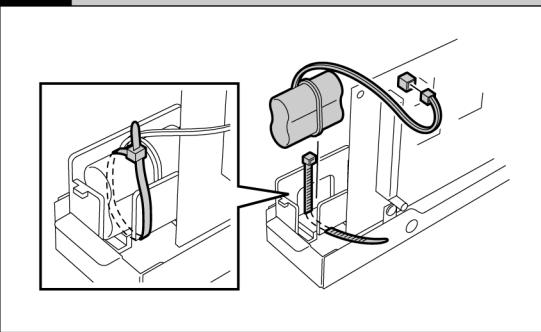
**14** INSTALL 取付ける INSTALLER 装上 INSTALAR 装上  
 INSTALLER EINSETZEN 装上



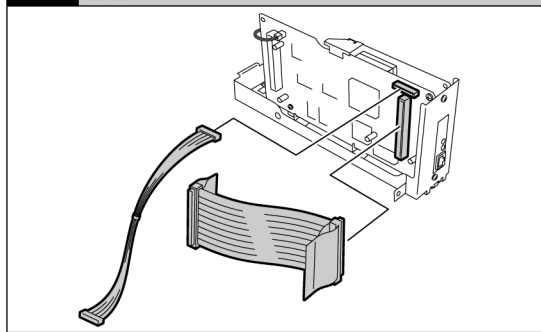
**15** INSTALL 取付ける INSTALLER 装上 INSTALAR 装上  
 INSTALLER EINSETZEN 装上

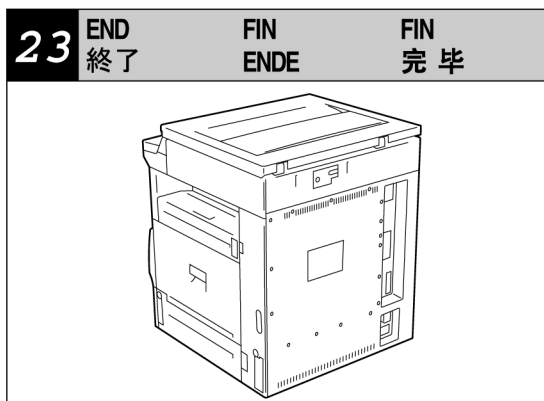
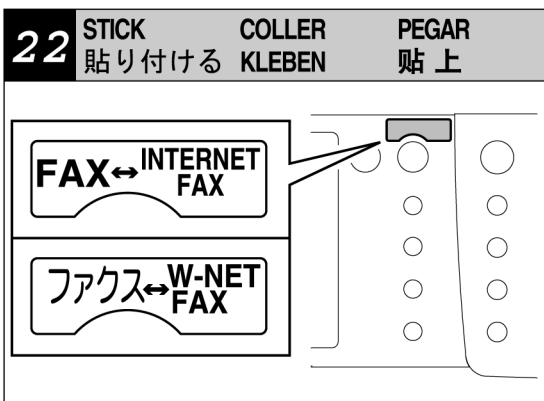
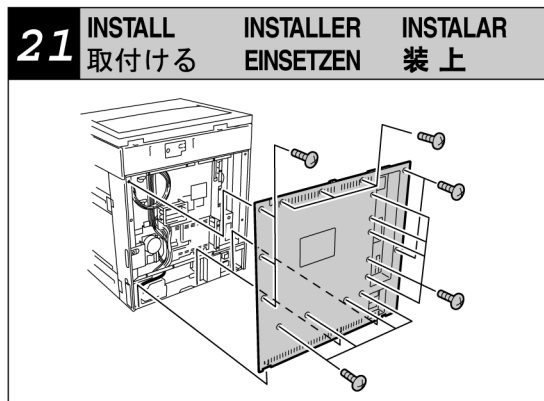
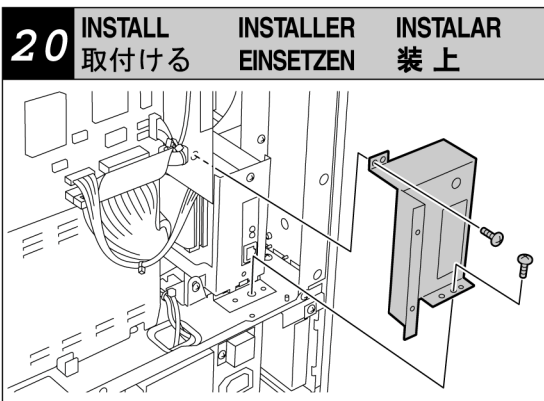
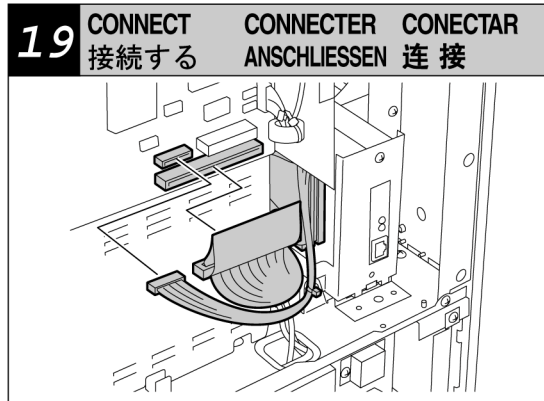
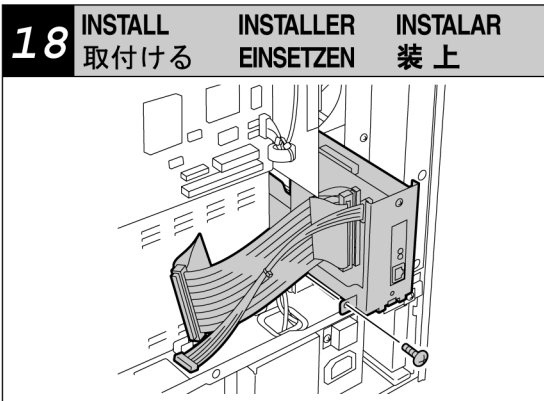


**16** INSTALL 取付ける INSTALLER 装上 INSTALAR 装上  
 INSTALLER EINSETZEN 装上



**17** CONNECT 接続する CONNECTER 接続 CONECTAR 接続  
 ANSCHLIESSEN 接続





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## Chapter 3 Function Settings

The Function Settings are used to set various requirements for the user. The function setting is done by either a menu-selection method or by setting the numeric value. It is possible to select any function by pressing the [PROGRAM] key, then the [↑] and [↓] keys, then [SET], or the numeric key for that function. For the initial value list, refer to “Chapter 12 APPENDIX”.

- <Remarks> To select a menu item, you may use the [↑] and [↓] keys to highlight the required item followed by pressing the [SET] key, as described above, or you may directly enter the item number through the numeric key.
- <Remarks> If the first item is highlighted, the [↑] key will not have any effect. If the last item is highlighted, the [↓] key will not return to the first item.
- <Remarks> The keystrokes needed to access the various function settings will be shown with uppercase letters and brackets. For example, [PROGRAM] or [SET] means to press the Menu Key or the Enter Key.

# 1 TCP/IP Configuration Setup

This section describes the procedures to configure the TCP/IP for the Network Interface Card to connect to the Internet.

The items and the parameter values for the TCP/IP Configuration Setup differs whether the IP address of this machine is obtained from a DHCP server or assigned manually.

Setup Item	Use DHCP Server	Assign IP Address
BootP/DHCP	Set to ON	Set to OFF
IP Address	Not required	Required
Subnetmask	Not required	Required if necessary
Default Gateway	Not required	Required if necessary
Host Name	Required	Required

- **BootP/DHCP**  
Set to enable or disable the BootP/DHCP whether obtaining the IP address from the DHCP server. When the TCP/IP settings of this machine are provided by the DHCP server, set this to ON. Set this to OFF when you want to assign the TCP/IP settings manually.
- **IP Address**  
Assign the IP address of this machine. Do not set this when the IP address is obtained from the DHCP server. The machine uses the IP address here even if the BootP/DHCP is set to be enabled.
- **Subnetmask**  
Assign the Subnetmask if required.
- **Default Gateway**  
Assign the Default Gateway address when the machine is used in the network through a router.
- **Host Name**  
Set the FQDN of this machine. This name is used as the sender name for E-mails.

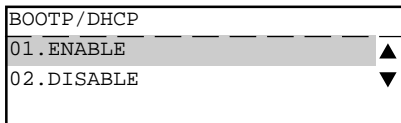
## NOTE:

- Please ask network administrator for the values of the TCP/IP settings.
- If the optional PCL Print Kit is installed on your machine, you can also use the MAP program to setup the TCP/IP configuration. Refer to the service manual for PCL Print Kit for the information of the TCP/IP Setup using the MAP.
- When you want to set to SMTP for the Receive Mode, the IP address must be assigned manually.

## 1.1 BootP/DHCP [PROGRAM], [0], [3], [0], [4], [0], [2], [0], [1]

This settings is used to enable the BootP/DHCP to obtain the IP address, Subnetmask, and Default Gateway address from the DHCP server, when the TCP/IP settings of this machine are provided by the DHCP server. Set this to disable the BootP/DHCP when you want to assign the TCP/IP settings manually.

- (1) Use the [↑] or [↓] keys to select the desired option (ENABLE or DISABLE), then press the [SET] key.



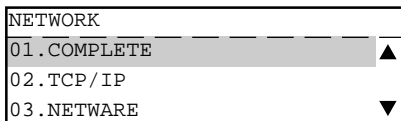
### ENABLE

Selected to enable the BootP/DHCP function.

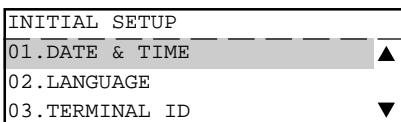
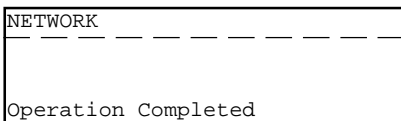
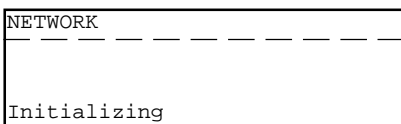
### DISABLE

Selected to disable the BootP/DHCP function.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another TCP/IP network setting, change the setting before pressing the [CANCEL] key.



- (3) Press [0] [1] to select "01. COMPLETE". Save the network settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the TCP/IP setting, press the [CANCEL] key before selecting "01. COMPLETE".



## 1.2 IP Address [PROGRAM], [0], [3], [0], [4], [0], [2], [0], [2]

This setting is used to assign the IP address of this machine. Do not set this when the IP address is obtained from the DHCP server. The machine uses the IP address here even if the BootP/DHCP is set to be enabled.

- (1) Enter the IP address, then press the [SET] key.

IP ADDRESS
000.000.000.000

### IP ADDRESS

Enter the IP address of this machine. "000.000.000.000" cannot be assigned for the IP address.

- (2) Press the [CANCEL] key.
- The display returns to the NETWORK menu.
  - If you want to change another TCP/IP network setting, change the setting before pressing the [CANCEL] key.

NETWORK
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼

- (3) Press [0] [1] to select "01.COMplete". Save the network settings and start initializing.
- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the TCP/IP setting, press the [CANCEL] key before selecting "01.COMplete".

NETWORK
Initializing

NETWORK
Operation Completed

INITIAL SETUP
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼

### 1.3 Subnetmask [PROGRAM], [0], [3], [0], [4], [0], [2], [0], [3]

This setting is used to assign the Subnetmask if required.

- (1) Enter the Subnetmask, then press the [SET] key.

SUBNET MASK
000.000.000.000

#### SUBNET MASK

Enter the subnet mask to determine what subnet an IP address belongs to if required. "000.000.000.000" and "255.255.255.255" cannot be assigned for the Subnetmask.

- (2) Press the [CANCEL] key.
- The display returns to the NETWORK menu.
  - If you want to change another TCP/IP network setting, change the setting before pressing the [CANCEL] key.

NETWORK
01.COMPLETE ▲
02.TCP/IP
03.NETWARE ▼

- (3) Press [0] [1] to select "01.COMPLETE". Save the network settings and start initializing.
- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the TCP/IP setting, press the [CANCEL] key before selecting "01.COMPLETE".

NETWORK
Initializing

NETWORK
Operation Completed

INITIAL SETUP
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼

## 1.4 Default Gateway [PROGRAM], [0], [3], [0], [4], [0], [2], [0], [4]

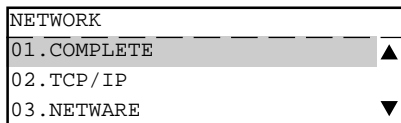
This setting is used to assign the Default Gateway address when the machine is used in the network through a router.

- (1) Enter the Default Gateway address, then press the [SET] key.

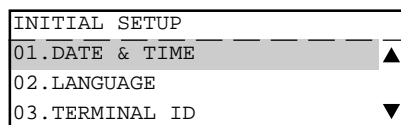
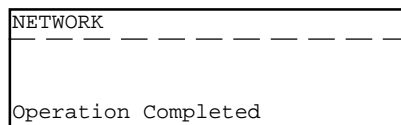
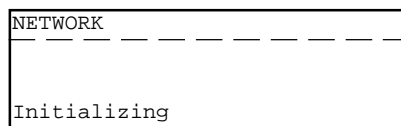
### DEFAULT GATEWAY

Enter the address of a router on the network if the machine is used in the network through a router.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another TCP/IP network setting, change the setting before pressing the [CANCEL] key.



- (3) Press [0] [1] to select “01.COMplete”. Save the network settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the TCP/IP setting, press the [CANCEL] key before selecting “01.COMplete”.



## 1.5 Host Name [PROGRAM], [0], [3], [0], [4], [0], [2], [0], [5]

This setting is used to set the name of this machine. This name is used as the sender name for E-mails.

- (1) Enter the Host Name, then press the [SET] key.

HOST NAME
ENTER NAME (MAX254) _____

### HOST NAME

Enter the name to identify this machine.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another TCP/IP network setting, change the setting before pressing the [CANCEL] key.

NETWORK
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼

- (3) Press [0] [1] to select "01.COMplete". Save the network settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the TCP/IP setting, press the [CANCEL] key before selecting "01.COMplete".

NETWORK
-----
Initializing

NETWORK
-----
Operation Completed

INITIAL SETUP
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼



## 2. E-mail Account Setup

This section describes the procedures to set the E-mail account information on the machine so that you can send and receive E-mails with this machine.

### NOTE:

Before you set up the E-mail account information, your E-mail account must be created on the E-mail server.

The items and the parameter values for the E-mail Account Setup differs whether the machine use POP or SMTP for the Receive Mode. Available functions vary according to the type of the Receive Mode.

If you do not prefer to use the Offramp Gateway function, it is recommended that the Receive Mode is set to "POP" because some settings will be required on the mail server if the Receive Mode is set to "SMTP".

Setup Item	When set to POP for Receive Mode	When set to SMTP for Receive Mode
E-mail Address	Required	Required
Error E-mail Forward Address	Required	Required
Receive Mode	Set to "POP"	Set to "SMTP"
POP Server Address	Required	Not required
POP Time	Required	Not required
POP Login Name	Required	Not required
POP Password	Required	Not required
SMTP Server Address	Required	Required

### NOTE:

- When the IP address is obtained from the DHCP server, the Receive Mode cannot be set to SMTP.
- In order to use the Offramp Gateway function, it is required to setup the E-mail properties. For more information about the Offramp Gateway function, see "Offramp Gateway Setup".

## 2.1 E-mail Address [PROGRAM], [0], [3], [0], [4], [0], [5], [0], [1]

This sets the E-mail address of the machine.

### NOTE:

When the Receive Mode is set to SMTP, the domain of the E-mail address becomes a name added the sub-address for this machine and domain name of the SMTP server. You can use any username for the E-mail address.

For example, if the domain name of the mail server is "toshiba.com" and host name of this machine is "au1", the domain of the E-mail address for this machine will be a FQDN that the host name is added to this domain. [username@au1.toshiba.com]

- (1) Enter the E-mail address, then press the [SET] key.

```
E-MAIL ADDRESS
ENTER E-MAIL ADDRESS (MAX254):
```

### E-MAIL ADDRESS

Enter the E-mail address for this machine that provided by the administrator of the mail server.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the [CANCEL] key.

```
NETWORK
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼
```

- (3) Press [0] [1] to select "01.COMplete". Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the E-MAIL setting, press the [CANCEL] key before selecting "01.COMplete".

```
NETWORK
-----
Initializing
```

```
NETWORK
-----
Operation Completed
```

```
INITIAL SETUP
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼
```

## 2.2 Error E-mail Forward Address [PROGRAM], [0], [3], [0], [4], [0], [5], [0], [2]

This sets the E-mail address to forward the received E-mail when an error occurs and the machine cannot print the E-mail.

### NOTE:

The machine recognizes an error if the E-mail contains files of other than text format or TIFF-FX format. The machine can forward this E-mail to another E-mail address when this happens. It is recommended to set the address to forward the E-mail to a personal computer because the personal computer may normally view the files.

- (1) Enter the E-mail address, then press the [SET] key.

ERROR MAIL FW ADDRESS
ENTER E-MAIL ADDRESS(MAX254):
█

### ERR EMAIL FW ADDRESS

Enter the E-mail address to forward the E-mail when an error occurs.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the [CANCEL] key.

NETWORK
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼

- (3) Press [0] [1] to select "01.COMplete". Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the E-MAIL setting, press the [CANCEL] key before selecting "01.COMplete".

NETWORK
-----
Initializing

NETWORK
-----
Operation Completed

INITIAL SETUP
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼

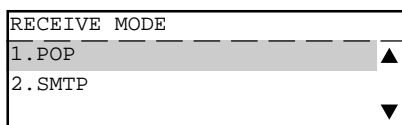
## 2.3 Receive Mode [PROGRAM], [0], [3], [0], [4], [0], [5], [0], [3]

This sets the type of protocols used for receiving E-mail. The available functions vary according to that this is set to "POP" or "SMTP".

### NOTE:

To perform the Offramp Gateway transmission, the Receive Mode must set to "SMTP".

- (1) Enter the E-mail address, then press the [SET] key.



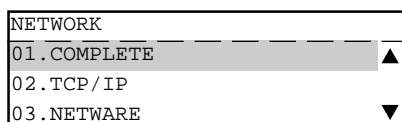
### POP

Selected to use the POP for receiving E-mails from the mail server.

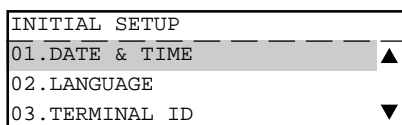
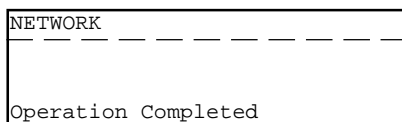
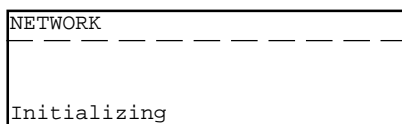
### SMTP

Selected to use the SMTP for receiving E-mails from the mail server.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the [CANCEL] key.



- (3) Press [0] [1] to select "01.COMPLETE". Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the E-MAIL setting, press the [CANCEL] key before selecting "01.COMPLETE".



## 2.4 POP Server Address [PROGRAM], [0], [3], [0], [4], [0], [5], [0], [4]

This sets the IP address of the POP server. This must be set when “POP” is selected in “Receive Mode.”

- (1) Enter the IP address of the POP server, then press the [SET] key.

POP SERVER ADDRESS
000.000.000.000

### POP SERVER ADDRESS

Enter the IP address of the POP server.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the [CANCEL] key.

NETWORK
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼

- (3) Press [0] [1] to select “01.COMplete”. Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the E-MAIL setting, press the [CANCEL] key before selecting “01.COMplete”.

NETWORK
Initializing

NETWORK
Operation Completed

INITIAL SETUP
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼

## 2.5 POP Time

[PROGRAM], [0], [3], [0], [4], [0], [5], [0], [5]

This sets the time interval to check whether or not new E-mail has been received at the POP server. This setting is valid when “POP” is selected in “Receive Mode.”

- (1) Use the [↑] or [↓] keys to select the desired option, then press the [SET] key.

POP TIME	
01.1MIN	▲
02.2MINS	
03.3MINS	▼
-----	
04.10MINS	
05.30MINS	
06.1HOUR	
07.2HOURS	
08.6HOURS	
09.12HOURS	
10.24HOURS	

### 1MIN - 24HRS

Select the time interval from the time list to check for new E-mail at the POP server.

- (2) Press the [CANCEL] key.
- The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the [CANCEL] key.

NETWORK	
01.COMPLETE	▲
02.TCP/IP	
03.NETWARE	▼

- (3) Press [0] [1] to select “01.COMPLETE”. Save the E-mail settings and start initializing.
- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the E-MAIL setting, press the [CANCEL] key before selecting “01.COMPLETE”.

NETWORK	
-----	
Initializing	

NETWORK	
-----	
Operation Completed	

INITIAL SETUP	
01.DATE & TIME	▲
02.LANGUAGE	
03.TERMINAL ID	▼

## 2.6 POP Login Name [PROGRAM], [0], [3], [0], [4], [0], [5], [0], [6]

This sets the user name to log in the POP server. This must be set when “POP” is selected in “Receive Mode.”

### NOTE:

The user name to log in the POP server is provided by the administrator of the E-mail server. Ask your administrator for the user name if you do not know it.

- (1) Enter the POP login name, then press the [SET] key.

```
POP LOGIN NAME
-----
ENTER NAME (MAX32) :
public
```

### POP LOGIN NAME

Enter the user name to login to the POP server. "public" has been set as a default POP login name.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the [CANCEL] key.

```
NETWORK
-----
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼
```

- (3) Press [0] [1] to select “01.COMplete”. Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the E-MAIL setting, press the [CANCEL] key before selecting “01.COMplete”.

```
NETWORK
-----
Initializing
```

```
NETWORK
-----
Operation Completed
```

```
INITIAL SETUP
-----
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼
```

## 2.7 POP Password [PROGRAM], [0], [3], [0], [4], [0], [5], [0], [7]

This sets the password to log in the POP server. This must be set when “POP” is selected in “Receive Mode.”

### NOTE:

The password to log in the POP server is provided by the administrator of the E-mail server. Ask your administrator for the password if you do not know it.

- (1) Enter the POP password, then press the [SET] key.

```
POP PASSWORD
-----
ENTER PASSWORD (MAX32) :
pass
```

### POP PASSWORD

Enter the password to login to the POP server. "pass" has been set as a default POP login password.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the [CANCEL] key.

```
NETWORK
-----
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼
```

- (3) Press [0] [1] to select “01.COMplete”. Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the E-MAIL setting, press the [CANCEL] key before selecting “01.COMplete”.

```
NETWORK
-----
Initializing
```

```
NETWORK
-----
Operation Completed
```

```
INITIAL SETUP
-----
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼
```



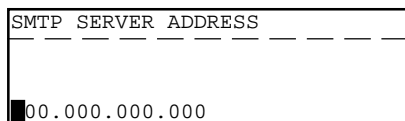
## 2.8 SMTP Server Address [PROGRAM], [0], [3], [0], [4], [0], [5], [0], [8]

This sets the IP address of the SMTP server which used for an Outgoing E-mail server.

### NOTE:

When “SMTP” is selected in “Receive Mode”, the machine also retrieving E-mails from the SMTP server assigned here using the SMTP transmission. In this case, this machine works as one of the mail servers.

- (1) Enter the IP address of the SMTP server, then press the [SET] key.

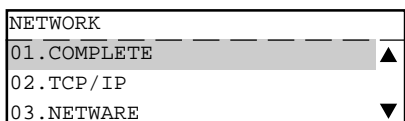


```
SMTP SERVER ADDRESS
-----
00.000.000.000
```

### SMTP SERVER ADDRESS

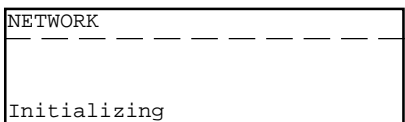
Enter the IP address of the SMTP server.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the [CANCEL] key.

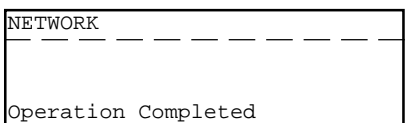


```
NETWORK
-----
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼
```

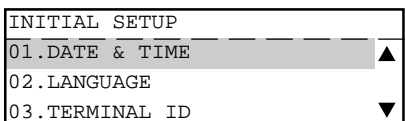
- (3) Press [0] [1] to select “01.COMplete”. Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the E-MAIL setting, press the [CANCEL] key before selecting “01.COMplete”.



```
NETWORK
-----
Initializing
```



```
NETWORK
-----
Operation Completed
```



```
INITIAL SETUP
-----
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼
```

### 3. E-mail Properties Setup

This section describes the procedures to set the E-mail properties on how the machine activates the Internet Fax function.

The following table describes the E-mail properties that can be set up.

Properties Name	Description	Default
Print Text Body	This is to set On or Off for printing the body section of the received E-mail. However, when the received E-mail has only the body section, the body section is printed even if this is set to Off.	ON
Body Page Limit	This is to set the maximum number of the pages to be printed when receiving an E-mail. If the number of the pages to be printed exceeds the limit, the machine interrupts the printing.	5
Send MDN	This is to set On or Off for replying to the MDN request when receiving the documents from other machines using the Internet Fax function.	OFF
Print Header	This is to set On or Off for printing the header section of the received E-mail.	ON
Print E-mail Error	This is to set On or Off for printing only the items that can be printed normally when an error occurs. The items that machine recognizes to be erroneous are not printed.	ON
Print DSN	This is to set On or Off for printing the DSN.	ON
Print MDN	This is to set On or Off for printing the MDN replied from a recipient that informs you the message successfully received by a recipient.	ON
Request DSN	This is to set On or Off for sending the DSN request.	ON
Confirmation Timer	This is to set On or Off for printing the alert report and the time interval to wait for the MDN reply before printing the alert report.	ON/1HOUR
Message Size Limit	This is to set the maximum size for sending documents using the Internet Fax function. If the size of documents exceeds the maximum size, the machine sends the documents separately.	4.0MBYTE

There are also the E-mail properties related to the Offramp Gateway function. When you set the Receive Mode to "SMTP", you can additionally configure the following items.

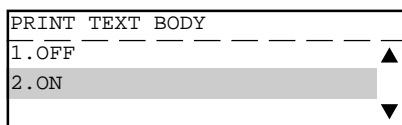
Properties Name	Description
E-mail to FAX Gateway	This sets the machine to allow forwarding the document that is received by the Offramp Gateway transmission.
Gateway Print	This sets whether to print the document sent from the Internet FAX machine using the Offramp Gateway transmission. The machine prints the document before forwarding it to the facsimile, so that you can confirm what is sending using the Offramp Gateway.
Gateway Security	This sets whether to check the fax number where the document is sent when allowing the Offramp Gateway. If the fax number of the facsimile is not registered as One Touch dials or Abbreviated dials, the machine does not allow the Offramp Gateway for this document.

For further details about the Offramp Gateway Transmission, see "Offramp Gateway Setup".

### 3.1 Print Text Body [PROGRAM], [0], [1], [0], [4], [0], [1]

This sets whether or not the body section of the received E-mail is printed

- (1) Use the [↑] or [↓] keys to select the desired option (ON or OFF), then press the [SET] key.
  - The display returns to the E-MAIL SETUP menu.



#### **ON**

Selected to print the text body of a received E-mail.

#### **OFF**

Selected not to print the text body of a received E-mail.

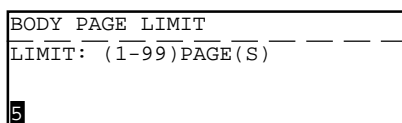
### 3.2 Body Page Limit [PROGRAM], [0], [1], [0], [4], [0], [2]

This sets the maximum number of the pages to be printed in the range from 1 to 99 when receiving an E-mail. If the number of the pages to be printed exceeds the limit, the machine interrupts the printing.

#### **NOTE:**

The received body text data may be garbled during transferred through the Internet. This is a known problem with E-mail transmissions over the Internet. It is recommended to select ON to avoid printing of a large amount of the garbled data.

- (1) Enter the number of the pages to be printed, then press the [SET] key.
  - The display returns to the E-MAIL SETUP menu.



#### **BODY PAGE LIMIT**

Enter the number of the pages to be printed. "5" is set as a default body page limit.

### 3.3 Send MDN [PROGRAM], [0], [1], [0], [4], [0], [3]

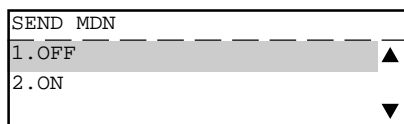
This sets the reply to the MDN request when receiving the documents from other e-STUDIO16/20/25 using the Internet Fax transmission.

**MDN: Message Disposition Notification, is used to notify the sender of the disposition of a message after it has been successfully delivered to a recipient.**

#### NOTE:

This function is only available when the remote unit and the your Incoming E-mail server support the MDN.

- (1) Use the [ ↑ ] or [ ↓ ] keys to select the desired option (ON or OFF), then press the [SET] key.
  - The display returns to the E-MAIL SETUP menu.



#### ON

Selected to enable replying the MDN request.

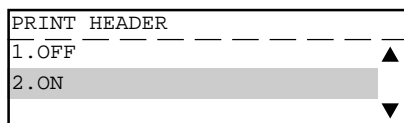
#### OFF

Selected to disable replying the MDN request.

### 3.4 Print Header [PROGRAM], [0], [1], [0], [4], [0], [4]

This sets whether or not the header section of the received E-mail is printed.

- (1) Use the [ ↑ ] or [ ↓ ] keys to select the desired option (ON or OFF), then press the [SET] key.
  - The display returns to the E-MAIL SETUP menu.



#### ON

Selected to print the header section of a received E-mail.

#### OFF

Selected not to print the header section of a received E-mail.

### 3.5 Print E-mail Error [PROGRAM], [0], [1], [0], [4], [0], [5]

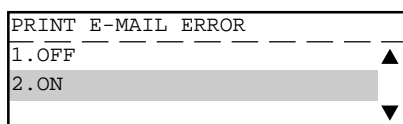
This sets you would like to print only the items that can be printed normally when an error occurs. The items that the machine recognize to be erroneous are not printed.

#### NOTE:

- When this is set to ON, the range of the printed section varies according to the settings of Print Text Body and Print Header.
- When this is set to OFF, the machine interrupts printing if any error is found.

(1) Use the [↑] or [↓] keys to select the desired option (ON or OFF), then press the [SET] key.

- The display returns to the E-MAIL SETUP menu.



#### ON

Selected to print only the items that can be printed normally when an error occurs.

#### OFF

Selected not to print a received E-mail when an error occurs.

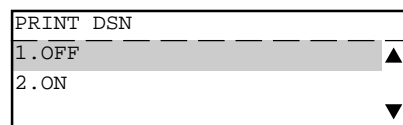
### 3.6 Print DSN [PROGRAM], [0], [1], [0], [4], [0], [6]

This sets whether or not the DSN is printed when it is announced from the E-mail server or the recipient.

**DSN:** *Delivery Status Notification, is used to notify the sender of the status of the message that has been sent. The status, such as failed delivery, delayed delivery, successful delivery, or the gatewaying of a message into an environment that may not support DSNs, is notified when an E-mail with the DSN request is sent.*

(1) Use the [↑] or [↓] keys to select the desired option (ON or OFF), then press the [SET] key.

- The display returns to the E-MAIL SETUP menu.



#### ON

Selected to print the DSN when it is notified.

#### OFF

Selected not to print the DSN even if it is notified.

### 3.7 Print MDN

[PROGRAM], [0], [1], [0], [4], [0], [7]

This sets whether or not the MDN is printed when it is announced from the recipient. The machine sends the MDN request to the recipient in every transmission, so that the machine receives the MDN when the recipient supports the MDN request.

**MDN:** *Message Disposition Notification, is used to notify the sender of the disposition of a message after it has been successfully delivered to a recipient.*

#### NOTE:

The MDN may not reply when the environment or the recipients does not support the MDN.

- (1) Use the [↑] or [↓] keys to select the desired option (ON or OFF), then press the [SET] key.
  - The display returns to the E-MAIL SETUP menu.

PRINT MDN	
1 . OFF	▲
2 . ON	▼

#### ON

Selected to print the MDN when it is notified.

#### OFF

Selected not to print the MDN even if it is notified.

### 3.8 Request DSN [PROGRAM], [0], [1], [0], [4], [0], [8]

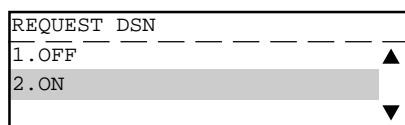
This sets whether or not the DSN is requested when sending a document from the machine using the Internet Fax function.

**DSN:** *Delivery Status Notification, is used to notify the sender of the status of the message that has been sent. The status, such as failed delivery, delayed delivery, successful delivery, or the gatewaying of a message into an environment that may not support DSNs, is notified when an E-mail with the DSN request is sent.*

#### NOTE:

The DSN may not reply when the Incoming E-mail server of the recipient does not support or generate the DSN. In this case, the error logs are retained in the E-mail server of the recipient. These error logs may be an obstacle to the mail server. Therefore, it is recommended to select OFF for this function if you are not sure that the E-mail server of the recipient supports the DSN.

- (1) Use the [ ↑ ] or [ ↓ ] keys to select the desired option (ON or OFF), then press the [SET] key.
  - The display returns to the E-MAIL SETUP menu.



#### ON

Selected to send the DSN request when the E-mail has been sent from this machine.

#### OFF

Selected not to send the DSN request when the E-mail has been sent from this machine.



### 3.9 E-mail to FAX Gateway [PROGRAM], [0], [1], [0], [4], [0], [9]

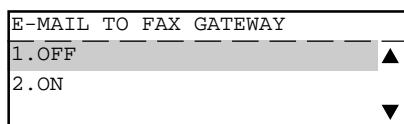
This sets the machine to allow forwarding the document that is received by the Offramp Gateway transmission. This is available only when the Receive Mode is set to "SMTP".

#### NOTE:

If this is set to ON, it is recommended to set up "Gateway Print" and "Gateway Security".

(1) Use the [↑] or [↓] keys to select the desired option (ON or OFF), then press the [SET] key.

- The display returns to the E-MAIL SETUP menu.



#### ON

Selected to enable the Offramp Gateway transmission.

#### OFF

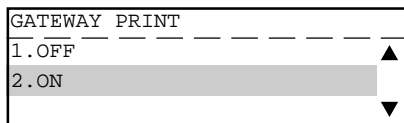
Selected to disable the Offramp Gateway transmission.

### 3.10 Gateway Print [PROGRAM], [0], [1], [0], [4], [1], [0]

This sets whether to print the E-mail that is sent to the Offramp Gateway transmission. The machine prints the document when forwarding it to the facsimile, so that you can confirm what is sending using the Offramp Gateway. This setting is available when the "E-mail to FAX GTWY" is set to ON.

(1) Use the [↑] or [↓] keys to select the desired option (ON or OFF), then press the [SET] key.

- The display returns to the E-MAIL SETUP menu.



#### ON

Selected to print the document before forwarding it to the Offramp Gateway.

#### OFF

Selected not to print the document before forwarding it to the Offramp Gateway.

### 3.11 Gateway Security [PROGRAM], [0], [1], [0], [4], [1], [1]

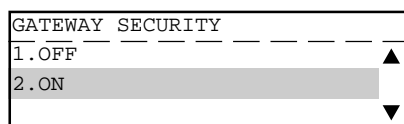
This sets whether to check the fax number where the document is sent before allowing the Offramp Gateway.

If the fax number of the facsimile is not registered as One Touch dials or Abbreviated dials, the machine does not allow the Offramp Gateway for this document. This setting is available when the “E-mail to FAX GTWY” is set to ON.

#### NOTE:

Any persons, who know the sub-domain of your machine, can send documents from another Internet Fax machine by the Offramp Gateway transmission regarding your machine as the relay station. This item is for setting the security for E-mail to FAX Gateway function.

- (1) Use the [↑] or [↓] keys to select the desired option (ON or OFF), then press the [SET] key.
  - The display returns to the E-MAIL SETUP menu.



#### ON

Selected to enable the Gateway security function.

#### OFF

Selected to disable the Gateway security function.

- (2) After the “OPERATION COMPLETED” message is displayed, press the [STOP] key to return to the Standby Mode screen.

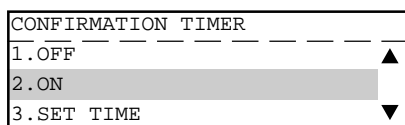
### 3.12 Confirmation Timer [PROGRAM], [0], [1], [0], [4], [1], [2]

This sets whether or not the alert report is printed when the machine does not receive an MDN reply from recipients, in the time interval set in “Set Confirm. Time.” When the Internet Fax message that you sent from the machine is not received successfully by recipients, you cannot get any response from the MDN. In this case, you can print the alert report tells you the machine does not receive the MDN from the recipient by setting this item ON.

#### NOTE:

If the Incoming E-mail server of the recipient does not support the MDN, the machine prints the alert report whether the recipient receives the document successfully or not. If you are not sure that the recipients can reply the MDN request, it is recommended to select OFF.

- (1) When you want to disable the Confirmation Timer function, go to step 2.  
When you want to enable the Confirmation Timer function, go to step 3.



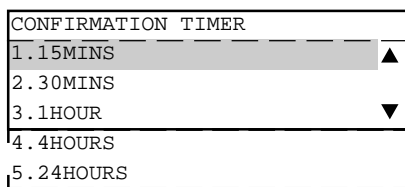
#### ON

Selected to print the alert report if the machine does not receive a MDN reply.

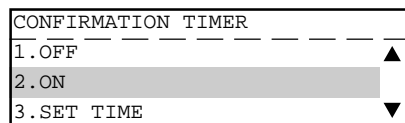
#### OFF

Selected not to print the alert report even if the machine does not receive a MDN reply.

- (2) Press [1] to select “1.OFF” when you want to disable the Confirmation Timer function.
  - The display returns to the E-MAIL SETUP menu.
- (3) Press [3] to select “3.SET TIME” when you want to set the time interval for the Confirmation Timer function.



- (4) Use the [↑] or [↓] keys to select the desired time and press the [SET] key.



- (5) Press [2] to select “2.ON” to enable the Confirmation Timer function.
  - The display returns to the E-MAIL SETUP menu.

### 3.13 Message Size Limit [PROGRAM], [0], [1], [0], [4], [1], [3]

This sets the maximum size of the documents can be sent using the Internet Fax function. If the size of documents exceeds the maximum size, the machine sends the documents separately.

#### NOTE:

The document that contains only one page of an image cannot be separated even if the document size exceeds the limit. In this case, the machine interrupts the job.

- (1) Use the [↑] or [↓] keys to select the desired size, then press the [SET] key.
  - The display returns to the E-MAIL SETUP menu.

MESSAGE SIZE LIMIT	
1 . 1 . 0MB	▲
2 . 2 . 0MB	
3 . 3 . 0MB	▼
4 . 4 . 0MB	
5 . 5 . 0MB	
6 . 6 . 0MB	

#### 1.0MBYTE - 6.0MBYTE

Select the maximum size of the documents can be sent.

## 4. Scan to Mail Setup

This section describes how to set the default values of the settings for Scan to E-mail function. You can set the default resolution and message size limit for the Scan to E-mail. These settings are for only default values, and you can set the one time value for these settings during sending operation as well.

### NOTE

Scan to E-mail can be used to send an Internet Fax to PCs which are located in your local area network. When you want to scan a document and send the image data to your PC, use this method. This method ignores the E-mail Properties settings of DSN and MDN so that this is useful when you do not require the disposition or notification of E-mail transmission status.

The following table describes the Scan to E-mail that can be set up.

Properties Name	Description	Default
Scan Resolution	This sets the default resolution used for the scan to E-mail mode.	400 x 400
Message Size Limit	This sets the maximum size of the documents can be sent using the Scan to E-mail function. If the size of documents exceeds the maximum size, the machine sends the documents separately.	4.0 MB

### 4.1 Scan Resolution [PROGRAM], [0], [1], [0], [5], [0], [1]

This sets the default resolution used for the Scan to E-mail mode.

- (1) Use the [↑] or [↓] deys to select desired resolution, then press [SET] key.
  - The display returns to the E-MAIL SETUP menu.

SCAN RESOLUTION	
1. 200 x 100	▲
2. 200 x 200	
3. 200 x 400	▼
4. 400 x 400	

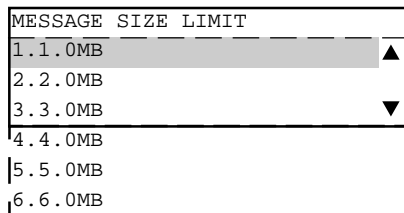
## 4.2 Message Size Limit [PROGRAM], [0], [1], [0], [5], [0], [2]

This sets the maximum size of the documents can be sent using the Scan to E-mail function. If the size of documents exceeds the maximum size, the machine sends the documents separately.

### NOTE

The document that contains only one page of an image cannot be separated even if the document size exceeds the limit. In this case, the machine interrupts the job.

- (1) Use the [↑] or [↓] keys to select desired size, then press [SET] key.
- The display returns to the E-MAIL SETUP menu.



### 1.0MBYTE - 6.0MBYTE

Select the maximum size of the documents can be sent.

## 5. Onramp Gateway Setup

### 5.1 How the Onramp Gateway transmission works

**Onramp Gateway** uses the relay function which is one of the ITU-T Mailbox features. The ITU-T F-code compliant facsimiles can send the document to the Relay Mailbox in the machine and then the machine transfers to the E-mail addresses of other Internet Fax machines and client computers programmed in the Relay Box.

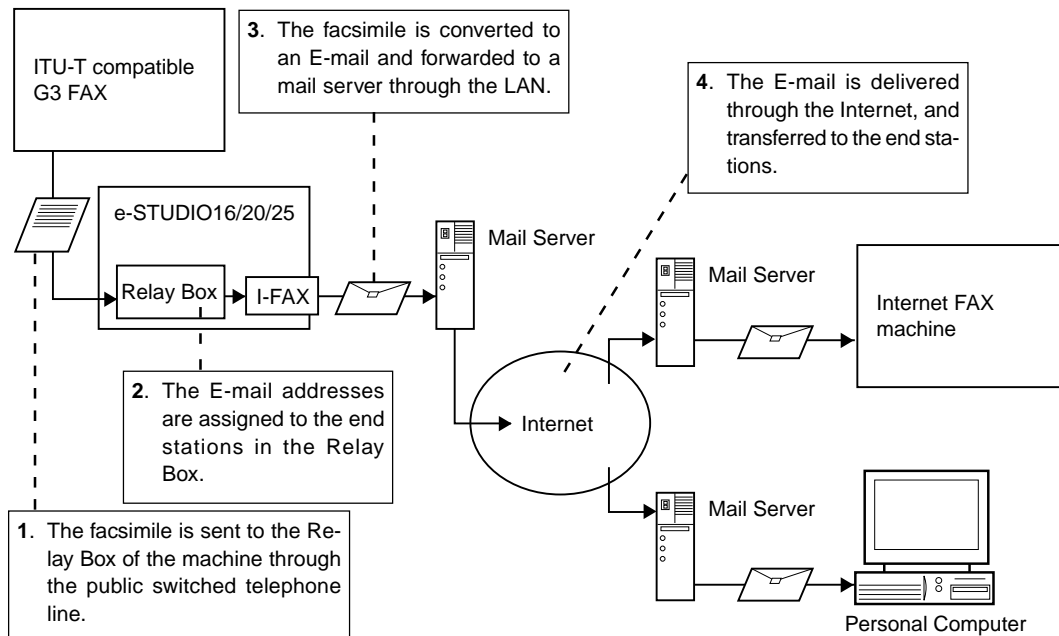


Fig. 1-4-1

### 5.2 How to setup for the Onramp Gateway

To use this machine as the Hub Station for Onramp Gateway transmission, set up a Relay Box in the e-STUDIO16/20/25 hub unit. Using this function, all ITU-T F-code compliant facsimiles can receive or transmit documents to and from the e-STUDIO16/20/25. Relay Boxes must be setup prior to utilizing the e-STUDIO16/20/25 as a Relay Box Hub.

You can assign a maximum of 50 End Stations, but E-mail addresses and facsimile numbers cannot be mixed in one Relay Box. When the End Stations are the facsimile numbers, you can assign them using Abbreviated Dial Numbers, One Touch Keys, and Group Numbers. However, when the End Stations are E-mail addresses, you can assign them only using Abbreviated Dial Numbers and One Touch Keys.

## 6. Offramp Gateway Setup

### 6.1 How the Offramp Gateway transmission works

This machine can be used as a Hub Station to forward E-mails from your client computer or Internet Fax machine to the any facsimile through the public switched telephone network.

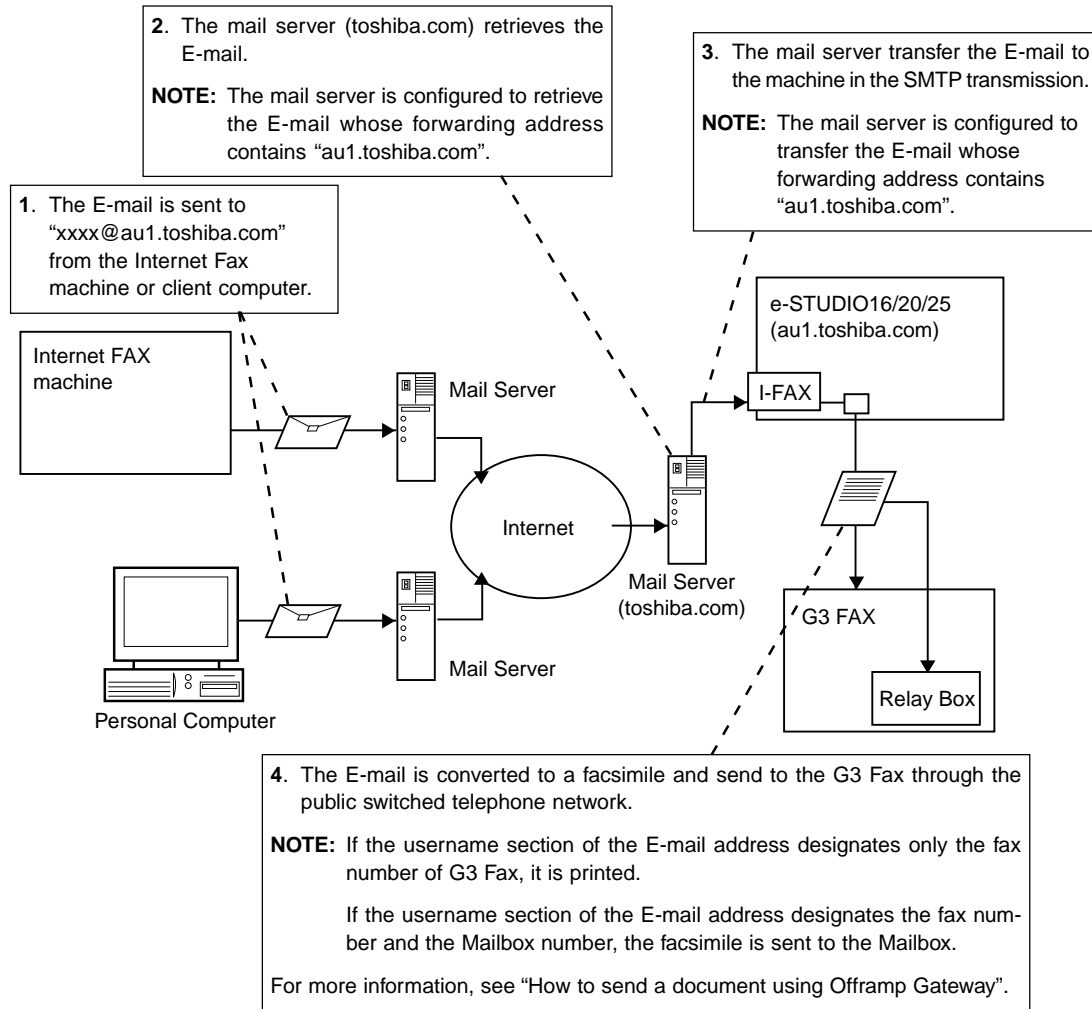


Fig. 1-5-1

This machine use Simple Mail Transfer Protocol (SMTP) to enable the Offramp Gateway transmission. "SMTP" is a server protocol for sending E-mail messages between servers. Usually the E-mail systems that transfer E-mails over the Internet use SMTP to transfer messages from one server to another. Therefore, when this machine use the SMTP to transfer E-mails, this machine works as a mail server.

For the e-STUDIO16/20/25 to receive transmissions in STMP mode from the mail server, the specific domain (that relates to the e-STUDIO16/20/25) E-mail address must be set up on the host mail server. To set this on the mail server, the hostname of this machine must be designated. If the hostname of this machine is designated as "au1.toshiba.com", it is set to transfer the E-mail to this machine when an E-mail to "xxx@au1.toshiba.com" is delivered to the Internet.



## 6.2 How to send a document using Offramp Gateway

Using the Offramp Gateway transmission, you can send E-mail documents to the facsimile connected in the public switched telephone network. Also, this machine supports addressing the ITU-T Mailbox in the remote facsimile.

When you send a E-mail using the Offramp Gateway transmission, the syntax of the Offramp-email-address must be specified correctly.

### ● Sending to Facsimile

Offramp-email-address syntax:

FAX=xxxxxxxx@FQDN

["xxxxxxxx" is the telephone number of a facsimile.]

For example when the assigned domain name (FQDN) for this machine is "au1.toshiba.com" and the facsimile number is "1212121212":

i.e. FAX=1212121212@au1.toshiba.com

### ● Sending to Mailbox in Facsimile

Offramp/Mailbox-email-address syntax:

FAX=xxxxxxxx/T33S=yyyy@FQDN

["xxxxxxxx" is the telephone number of a facsimile.]

["yyyy" is the Mailbox number.]

#### **SUPPLEMENT:**

"T33S" is a syntax code to specify a Mailbox. When you send to a Mailbox of a facsimile using the Offramp Gateway, the facsimile number and the Mailbox number is separated with "/".

For example when the assigned domain name (FQDN) for this machine is "au1.toshiba.com", the facsimile number is "1212121212", and the Mailbox number is "1234":

i.e. FAX=1212121212/T33S=1234@au1.toshiba.com

#### **NOTE:**

Any international telephone number entry is not accepted for the facsimile number in the Offramp-email-address.

### 6.3 How to setup for the Offramp Gateway

To use this machine for the Offramp Gateway transmission, the E-mail account and E-mail properties for the Offramp Gateway must be setup correctly.

E-mail Account Setup	Description
E-mail Address	The domain of your E-mail address becomes a name added the sub-address for this machine and domain name of the SMTP server. For example, if the domain name of the mail server is "toshiba.com" and sub-address of this machine is "au1", the domain of the E-mail address for this machine will be "username@au1.toshiba.com".
Receive Mode	Set to "SMTP".
SMTP Server Address	Assign the IP address of the main SMTP server that provides the domain for this machine.

Offramp Gateway Properties Setup	Description
E-mail to FAX Gateway	This sets the machine to allow forwarding the document that is received by the Offramp Gateway transmission.
Gateway Print	This sets whether to print the document sent from the Internet Fax machine using the Offramp Gateway transmission. The machine prints the document before forwarding it to the facsimile, so that you can confirm what is sending using the Offramp Gateway.
Gateway Security	This sets whether to check the fax number where the document is sent before allowing the Offramp Gateway. If the fax number of the facsimile is not registered as One Touch dials or Abbreviated dials, the machine does not allow the Offramp Gateway for this document.

In addition, some settings are required to be operated on the main mail server (see Fig.1-5-1).

- The domain name for this machine must be assigned on the mail server.
- Configured to retrieve the E-mail whose address contains the domain name of this machine.
- Configured to transfer the E-mail to this machine when the mail server retrieve the E-mail whose address contains the domain name of this machine.

The setup procedure varies depending on the mail server applications. Refer to "Chapter 4 Mail Server Setup".

## 7. Additional Functions

The following additional functions are available when the Internet Fax kit is installed to the machine.

### **FTP Server Login Name:**

This allows you to set the user name to log in the FTP server on the machine. The user name is required to transmit data between a personal computer and the machine using the TOSHIBA Viewer via Network.

### **FTP Server Login Password:**

This allows you to set the password to log in the FTP server on the machine. This password is required to transmit data between a personal computer and the machine using the TOSHIBA Viewer via Network.

### **LAN FAX:**

This allows you to set the IP address of the LAN FAX server. Only the LAN FAX server assigned here can access to this machine.

### **IPX/SPX Protocol:**

This allows you to enable or disable the Network Interface Card to connect using the IPX/SPX protocol.

### **Frame Type:**

This allows you to change the frame type of the Network Interface Card. When the machine connects to the NetWare server, the machine uses this frame type.

## 7.1 FTP Server Login Name [PROGRAM], [0], [3], [0], [4], [0], [6], [0], [1]

This sets the user name to log in the FTP server. This must be set to control the machine using the TOSHIBA Viewer via Network.

- (1) Enter the FTP login name, then press the [SET] key.

```
FTP_SERVER_LOGIN_NAME
ENTER_NAME(MAX32):
public
```

### FTP SRV LOGIN NAME

Enter the user name to login to the FTP server. "public" has been set as a default POP login name.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another FTP setting, change the setting before pressing the [CANCEL] key.

```
NETWORK
01.COMPLETE ▲
02.TCP/IP
03.NETWARE ▼
```

- (3) Press [0] [1] to select "01.COMPLETE". Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the FTP setting, press the [CANCEL] key before selecting "01.COMPLETE".

```
NETWORK
-----
Initializing
```

```
NETWORK
-----
Operation Completed
```

```
INITIAL_SETUP
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼
```

## 7.2 FTP Server Login Password [PROGRAM], [0], [3], [0], [4], [0], [6], [0], [2]

This sets the password to log in the FTP server. This must be set to control the machine using the TOSHIBA Viewer via Network.

- (1) Enter the FTP login password, then press the [SET] key.

```
FTP SERVER LOGIN PASSWORD
-----
ENTER NAME (MAX32) :
pass
```

### FTP PASSWORD

Enter the password to login to the FTP server. "pass" has been set as a default FTP login password.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another FTP setting, change the setting before pressing the [CANCEL] key.

```
NETWORK
-----
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼
```

- (3) Press [0] [1] to select "01.COMplete". Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the FTP setting, press the [CANCEL] key before selecting "01.COMplete".

```
NETWORK
-----
Initializing
```

```
NETWORK
-----
Operation Completed
```

```
INITIAL SETUP
-----
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼
```

## 7.3 LAN FAX

[PROGRAM], [0], [3], [0], [4], [0], [7], [0], [1]

This sets the IP address of the LAN FAX server. Only the LAN FAX server assigned here can access to this machine.

### NOTE:

LAN FAX server is a server to control the machine using the ImageVision2000 or SmartLink2000.

- (1) Enter the IP address of the LAN FAX server, then press the [SET] key.

LAN FAX SERVER ADDRESS
000.000.000.000

### LAN FAX

Enter the IP address of the LAN FAX server.

- (2) Press the [CANCEL] key.
  - The display returns to the NETWORK menu.
  - If you want to change another LAN FAX setting, change the setting before pressing the [CANCEL] key.

NETWORK
01.COMplete ▲
02.TCP/IP
03.NETWARE ▼

- (3) Press [0] [1] to select "01.COMplete". Save the E-mail settings and start initializing.
  - After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
  - If you want cancel the LAN FAX setting, press the [CANCEL] key before selecting "01.COMplete".

NETWORK
Initializing

NETWORK
Operation Completed

INITIAL SETUP
01.DATE & TIME ▲
02.LANGUAGE
03.TERMINAL ID ▼

# Chapter 4. MAIL SERVER SETUP

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# Chapter 4 Mail Server Setup

This chapter describes the Mail Server setup to enable the Internet Fax transmission of this machine.

## 1. Lotus Domino

This section describes an example of configuring the Lotus Domino Server R5 on Windows NT 4.0 server.

### NOTE:

The instructions in this section are not always applicable to any network environments. Some settings have to be configured differently depending on the network environments or the requirements. Please remember that the instructions here are an example to set up the mail server.

## 1.1 Installing Domino Server

### 1.1.1 Installing Domino Server

- (1) Log into Windows NT server as "Administrator".
- (2) Insert the Domino Server CD-ROM to the CD-ROM drive.
- (3) The installer automatically starts. Click on [Install].
- (4) Click on [Servers].
- (5) Click on [Domino Application Server].
- (6) Click on [Custom Install].
- (7) The Lotus Domino Installation screen appears. Click on [Next].
- (8) The license agreement is displayed. Click on [Yes].
- (9) Enter the user name at the [Name] field and click on [Next].
- (10) Select the folder that the program and data are installed. Click on [Next].
- (11) Check [Domino as an NT Server] and click on [Next].
- (12) Rename the program folder name if required, and click on [Next]. Copying files starts.
- (13) After completing the file copy, the setup complete message is displayed. Remove the CD-ROM from the CD-ROM drive and check on [Yes, I want to restart my computer now.], and click on [Finish].
- (14) Reboot the Windows.



## 1.1.2 Setting Up Domino Server

- (1) After rebooting, log in as "Administrator". Click on [Start] and select [Programs]-[Lotus Applications]-[Lotus Domino Server] to run the Lotus Domino Server.
- (2) The [New Domino Server] tab page is displayed. Check [First Domino Server]. Then click on [>].
- (3) Check [Advanced Configuration] and click on [>].
- (4) Make sure [POP3] and [SMTP] at the [Internet Mail Packages] option are checked. (Check other items as your requirement.) Then click on [>].
- (5) Input each item of the Administration Settings. The values of each item vary depending on the network environments or requirements. Read the descriptions for each item shown the table below and designate the settings.

Category	Item	Description	Example
Organization Identity	Domino Name	Enter the domain name of the Domino Server.	domino
	Certifier Name	Enter the certifier name of the Domino Server.	domino
	Certifier Country Code	Enter the certifier country code of the Domino Server (optional).	01
	Certifier ID	Select "Allow Setup to create new certifier ID".	-
	Certifier Password	Enter the certifier password.	password
New Server Identity	Server Name	Enter the Domino Server Name.	dxm5q8
	Server's Hostname	Enter the full name of the Domino Server.	dxm5q8.ttec.com
	Server ID	Select "Allow Setup to create new server ID".	-
Administrator's Identity	Administrator's Name	First: Enter the first name of the Administrator.	-
		ML: Enter the middle name of the Administrator.	-
		Last: Enter the last name of the Administrator.	toshiba-tec
	Password	Enter the administrator password.	password
	Administrator's ID	Select "Allow Setup to create new administrator ID".	-
Network Options	Configure each item if required.		-
Communications Port	Configure each item if required.		-

- (6) After completing each item, click on [Finish].
- (7) Click on [Exit Configuration] after checking your configuration.

### 1.1.3 Changing the Startup option for Domino Server's Service

This operation is to configure the Domino Server's Service to be started automatically every time you start the Windows.

- (1) Click on [Start] and select [Settings]-[Control Panel] to open the Control Panel folder.
- (2) Double-click on [Services]. The Services screen appears.
- (3) Select "Lotus Domino Server (LotusDominoData)" from the Service list, and click on [Startup...].
- (4) Select [Automatic] for [Startup Type] and click on [OK].
- (5) Select "Lotus Domino Server (LotusDominoData)" from the Service list, and click on [Start]. The Domino Server start immediately. When booting up Domino Server Service, the Domino Server console appears.

## 1.2 Configuring Domino Server

### 1.2.1 Installing Notes Clients

- (1) Log into Windows NT server as "Administrator".
- (2) Insert the Domino Server CD-ROM to the CD-ROM drive.
- (3) The installer automatically starts. Click on [Install].
- (4) Click on [Clients].
- (5) Click on [All Clients].
- (6) Click on [Custom Install].
- (7) The Lotus Notes Installation screen appears. Click on [Next].
- (8) The license agreement is displayed. Click on [Yes].
- (9) Enter the user name at the [Name] field and click on [Next].
- (10) Select the folder that the program and data are installed. Click on [Next].
- (11) The screen to select components to be installed appears. There is no need to change the default settings. Click on [Next].
- (12) Rename the program folder name if required, and click on [Next]. Copying files starts.
- (13) After completing the file copy, the setup complete message is displayed. Click on [Finish].
- (14) Click on [Exit] to finish the installer.

### 1.2.2 Configuring Domino Server

- (1) Click on [Start] and select [Programs]-[Lotus Applications]-[Lotus Domino Administrator].
- (2) The Lotus Notes Client Configuration screen appears. Click on [Next].
- (3) Check [I want to connect to a Domino server.] and click on [Next].
- (4) Check [Set up a connection to a local area network (LAN).] and click on [Next].
- (5) Enter the name of your Domino server: server name, forward slash, then domain name of Domino (i.e. "server name/domain name of Domino"). Click on [Next].
- (6) Check [Use my name as identification] and enter the user name: administrator's name, forward slash, then domain name of Domino (i.e. "administrator's name/domain name of Domino"). Click on [Next].
- (7) Click on [Next].
- (8) Check [I don't want to create an Internet mail account] and click on [Next]. (You can create an Internet mail account later.)
- (9) Check [I don't want to connect to a news server] and click on [Next].
- (10) Check [I don't want to connect to another directory server] and click on [Next].
- (11) Check [I don't want to connect to the Internet through a proxy server] and click on [Next].
- (12) Check [Connect over my existing local area network] and click on [Next].
- (13) Connection setup has completed. Click on [Finish].
- (14) The Enter Password dialog appears. Enter the administrator password and click on [OK].
- (15) Client setup has completed. Click on [OK].

- (16) The warning message may appear to indicate that the version of Internet Explorer is old. Click on [OK].
- (17) An error message appears. You can ignore it and click on [OK].
- (18) The Welcome window is displayed. Once you check the checkbox of [Don't show this again] in the upper right area, this window will no longer appear.
- (19) View the [Configuration] tab at the [Administration] tab.
- (20) Click on [Current Server Document] under [Server] in the left menu.
- (21) Click on [Edit Server] to change to the edit mode.
- (22) View the [Basics] tab and make the following settings.

Items	Description of Setting
Server name	Use the default value. (Already entered.)
Server title	Not required.
Domain name	Use the default value. (Already entered.)
Fully qualified Internet host name	Enter the complete Internet host name including the domain name. For example: dxm5q8.ttec.com (when server name is "dxm5q8" and the Internet domain name that the Domino server belongs is "ttec.com").
Cluster name	Not required.
Directory Assistance database name	Not required.
Directory Catalog database name on this server	Not required.
Optimize HTTP performance based on the following primary activity	Use the default value. (Select "Advanced (Custom Settings).")
Server build number	Unchangeable.
Administrators	Use the default value (Already entered.)
Routing tasks	Select "Mail Routing and SMTP Mail Routing".
SMTP listener task	Select "Enabled". (When the email server is used besides the Domino server, select "Disabled".)
Server's phone number(s)	Not required.
CPU count	Unchangeable.
Operating system	Not required.
Is this a Sametime server?	Select "Yes" or "No" according to your server environment.

- (23) When all settings are completed, click on [Save and Close].
- (24) Click on [Configuration] under [Server] at the left menu. Right-click on the server name of the domino server and select [Edit] to enter the edit mode.
- (25) View the [Basics] tab and make the following settings.

Items	Description of Setting
Use these settings as the default settings for all servers	Check the [Yes] checkbox.
Type-ahead	Select "Enabled".
International MIME Settings for this document	Check the [Enabled] checkbox.
Optimize LDAP queries	Select "No".
IMAP server returns exact size of message	Select "Disabled".
POP3 server returns exact size of message	Select "Disabled".
Comments	Enter if you require.

- (26) Click on [Router/SMTP] tab and view the [Basics] tab. Make the following settings.

Items	Description of Setting
Number of mailboxes	Enter "2". Increase the number depending on the number of users. Low number may affect performance.
SMTP used when sending messages outside of the local internet domain	Select "Enabled".
SMTP allowed within the local internet domain	Select "All messages".
Servers within the local Notes domain are reachable via SMTP over TCP/IP	Select "Always".
Address lookup	Select "Fullname then Local Part".
Exhaustive lookup	Select "Disabled".
Relay host for messages leaving the local internet domain	No entry for the default setting. Enter the IP address for other mail server sends email through the designated mail server.
Local Internet domain smart host	Not required.
Smart host is used for all local internet domain recipients	Select "Disabled".
Host name lookup	Select "Dynamic then local".

- (27) Click on the [MIME] tab and [Advanced] tab, and view the [Advanced Outbound Message Options] tab. Make the following settings.

Items	Description of Setting
Macintosh attachment conversion	Select "AppleDouble (base64 only)".
RFC822 phrase handling	Select "Use alt. name if available - otherwise DN".
Internet Mail server sends Notes private items in messages	Select "Disabled".
Notes fields to be removed from headers	Remove the setting and leave this blank.
When converting a multilingual message to MIME	Select [Send it in Unicode (UTF8)].
Character set name aliases	Not required.

- (28) When all settings are completed, click on [Save and Close] to save the settings.  
 (29) Click on [Connection] under [Server] at the left menu, and click on [Add Connection].  
 (30) View the [Basics] tab and make the following settings.

Items	Description of Setting
Connection Type	Select "SMTP".
Source server	Use the default value. (Already entered.)
Connect via	Select "Direct connection".
Destination server	Enter the same entry as the Source server. field.
Destination domain	Optional. Enter the "internet".
SMTP MTA relay host	Not required.

- (31) Click on the [Replication/Routing] tab and make the following settings.

Items	Description of Setting
Replication task	Select "Disabled".
Replicate database of	Select "Low & Medium & High".
Replication Type	select "Pull Push".
Files/Directories to Replicate	No entry. (all if none specified).
Replication Time Limit	Not required.
Routing task	Select "SMTP Mail Routing".
Route at once if	Enter "1".
Routing cost	Enter "1".

(32) Click on the [Schedule] tab and make the following settings.

Items	Description of Setting
Connection	Select "ENABLED".
Connect at times	Enter the time to start/end connection to the server. For example: 01:00AM - 12:00PM
Repeat interval of	Enter the interval of connection in minutes.
Days of week	Enter the operation days of the week. For example: Sun, Mon, Tue, Wed, Thu, Fri, Sat

(33) When all settings are completed, click on [Save and Close] to save the settings.

(34) Click on [Domain] under [Messaging] at the left menu, and click on [Add Domain].

(35) View the [Basics] tab and make the following settings.

Items	Description of Setting
Domain type	Select "Global Domain".
Global domain name	Enter the Internet domain name. For example: ttec (in case of "ttec.com")
Global domain role	Select "R5 Internet Domains or R4.x SMTP MTA".
Use as default Global Domain (for use with all Internet protocols except HTTP)	Check the [Yes] checkbox.

(36) Click on the [Restrictions] tab and make the following settings.

Items	Description of Setting
Notes domains and aliases	Enter the domain name of the Domino server.
Alias separator character	Use the default value. ("=" is the default.)

- (37) Click on the [Conversions] tab and make the following settings under the [SMTP Address Conversion] group. (Any changes have to be made for settings under the [X.400 Address Conversion] group.)

Items	Description of Setting
Address format	Select "Name and Address".
Local primary Internet domain	Enter the Internet domain name. For example: ttec.com
Alternate Internet domain aliases	Not required.
Internet address lookup	Select "Disabled".
Local part formed from	Select "Short name".
Notes domain(s) included	Select "None".
Notes domain(s) position	Select "Left of '@'".
Notes domain separator	Select ". - period".
Outbound mail restriction	Select "Unrestricted".

- (38) When all settings are completed, click on [Save and Close] to save the settings.  
 (39) Click on [Domains] under [Messaging] at the left menu, and click on [Add Domain].  
 (40) View the [Basics] tab and make the following setting.

Items	Description of Setting
Domain type	Select "Foreign SMTP Domain".

- (41) Click on the [Routing] tab and make the following settings.

Items	Description of Setting
Internet Domain	Enter "*. *" (asterisks divided by a period)
Domain name	Enter the same setting as [Destination domain] set at Step 30. In this instruction, "internet" is entered.
Internet host	Not required.

- (42) When all settings are completed, click on [Save and Close] to save the settings.  
 (43) Finish the Domino Administrator.



## 1.3 Creating Notes User

- (1) Make a copy of the following three files from the directory where the Domino is installed to any directory.
  - [Drive]:\lotus\domino\data\cert.id
  - [Drive]:\lotus\domino\data\server.id
  - [Drive]:\lotus\domino\data\user.id
- (2) Click on [Start] and select [Programs]-[Lotus Applications]-[Lotus Domino Administrator].
- (3) The warning message may appear to advise that the version of Internet Explorer is old. Click on [OK].
- (4) The Enter Password dialog appears. Enter the administrator password and click on [OK].
- (5) View the [People & Groups] tab at the [Administration] tab. Click the [People] menu at the right side of the screen, and click on [Register].
- (6) The Choose Certifier ID dialog appears.  
Select the "cert.id" file in the "[Drive]:\lotus\domino\data\" folder. Click on [Open].
- (7) The Enter Password dialog appears. Enter the certifier password and click on [OK].
- (8) The warning message appears to advise that the certifier ID entered contains no recovery information. Ignore this message and click on [OK].
- (9) The Register Person -- New Entry screen appears. Check the [Advanced] checkbox and click on [Basics] to view the [Basics] tab (an opened tab is marked with a red arrow). The following items are necessary or unnecessary to be set:
  - First name: Required
  - MI: Not Required
  - Last name: Required
  - Short name: Required
  - Password: Required
  - Set internet password: Required to be checked
  - Internet address: Required
  - Internet Domain: Required
- (10) Click on [ID Info] to view the [ID Info] tab. Check on the [In file] checkbox and click on [Set ID File...].
- (11) The Save ID File As dialog appears. Enter the file name and location to be saved, and click on [Save].
- (12) Click on [Add person] to temporarily add a user.
- (13) Click on [Register All] to register the user which was temporarily added.
- (14) A message, which informs you that the registration has completed, will appear. Click on [OK].
- (15) Click on the [View] menu and select [Refresh] to show the latest information of the registered users.
- (16) Please repeat the operation from step 5 to 15 until completing the registration for all users.

## 1.4 Memorandum on Domino Environment

Server settings will be stored into "\lotus\domino\datanames.nsf" (Domino address book).

Three files, datanames.nsf, server.id, and cert.id in the "\lotus\domino" folder are important.

- Client settings are controlled by \lotus\notes\data\user.id (administrator id), name.nsf (including personal address book and client settings), desktop5.dsk (environment under which Client is started).
- There are cases that a next replication time is not set after Notes is started due to a bug. Pressing the Start button when starting Notes solves this problem.
- In case that a DSN server is not used, Note Client can access Notes Server (Domino Server) only when IP address and host name (of a PC in which Domino is installed) are written in a hosts file.

## 2. Sendmail and Qpopper

This section describes an example of configuring the Sendmail and Qpopper for RPM based Linux.

### NOTE:

The instructions in this section are not always applicable to any network environments. Some settings have to be configured differently depending on the network environments or the requirements. Please remember that the instructions here are an example to set up the mail server.

### 2.1 Configuring Sendmail

#### 2.1.1 Installing Sendmail

- (1) At first, you can check whether sendmail operates because your system is RPM based Linux. RPM based Linux is RedHat, Turbo and etc.

Enter the following command:

```
$ rpm -q -a | grep sendmail
```

- (2) If sendmail was installed our system, the package name of sendmail is displayed. If sendmail was not installed, you need to install it. Move to directory of sendmail RPM package. And the following command run. You might need to be root by su command and etc.

```
# rpm -ivh (a package name of sendmail)
```

- (3) If this command finished running, installing of sendmail is completed.

#### 2.1.2 Running Sendmail

- (1) A Record and MX Record for this server are added to the DSN server.
- (2) Check "/etc/resolv.conf" to confirm your mail server is looking to DSN server correctly.
- (3) Check "/etc/hosts.allow" and "/etc/hosts.deny" to confirm whether your mail server is having restricted SMTP. If the status is true, modify these files. The correct method is written to the following online manual.

```
# man 5 hosts_access
```

- (4) To control sendmail, the following command run.

```
# /etc/rc.d/init.d/sendmail (start|stop|restart)
```

(Please select one of options in ( ).)

### 2.1.3 Creating a sendmail.cf file for Sendmail

This section describes the example for creating a sendmail.cf file. This example uses the WIDE Sendmail.cf Generation Package to create a sendmail.cf file.

- (1) Download the WIDE version of CF package from the Internet. You can download from the following URL: `ftp://ftp.kyoto.wide.ad.jp/pub/mail/CF/CF-3.7Wpl2.tar.gz`

- (2) Enter the following command to extract the CF-3.7Wpl2 package.

```
$ tar zxvf CF-3.7Wpl2.tar.gz
$ cd CF-3.7Wpl2
```

- (3) Enter the following command to make the programs of CF.

```
$ make cleantools
$ make tools
$ make samples
```

- (4) Enter the following command to edit ".def" file to your wished configuration. ".def" file samples are included in Standard directory.

```
$ vi sendmail-ifax.def
```

Please refer to "2.1.4 Contents of files using sendmail with iFax" for an example of ".def" file's contents.

- (5) If you use static mail routes, you need to edit a "sendmail.route" file. Enter the following command to edit "sendmail.route" file.

```
$ vi sendmail.route
```

Please refer to "2.1.4 Contents of files using sendmail with iFax" for an example of ".route" file's contents.

- (5) Enter the following command to make a "sendmail.cf" file. ".cf" file name subscribing at this line is the same as before ".def". For example, if ".def" file is "foo.def", ".cf" file is "foo.cf".

```
$ make sendmail-ifax.def
```

- (6) If you completed to make a "sendmail-ifax.cf" file, enter the following command to copy the file to an appropriate place. You might need to be root by su command and etc.

```
# mv /etc/sendmail.cf /etc/sendmail.cf.org
# mv sendmail-ifax.cf /etc/sendmail.cf
```

- (7) Enter the following command to restart Sendmail.

```
# kill -HUP (a pid of sendmail)
```

(Use "ps x" command when you would like to check a pid of sendmail.)

Or you can use the following command instead of "kill" command.

```
# /etc/rc.d/init.d/sendmail start
```

## 2.1.4 Contents of files using sendmail with iFax

This section describes an example for settings and contents of files according to the network environment.

### Case 1

The following figure shows an example of network environment.  
tais.net has IP addresses which are 159.119.\*.\*



In this case, MX record of tais.net set to mail.tais.net. You need to add the following content to tais.net's zone file. ";" of the head of the line mens the zone name in named.conf.

```
;--- a example of MX record setting for tais.net's zone file
@ IN MX 10 mail.tais.net
;--- a example of MX record setting for tais.net's zone file
```

sendmail-ifax.def is edited as follow:

```
I would like you to rewrite the contents suitably.
'#' of the head of the line shows a comment out.
```

```
#--- sendmail-ifax.def
# type of sendmail.cf
CF_TYPE=R8V8
# OS type (choose a file name in ostype directory)
OS_TYPE=linux-redhat
# with sendmail.mx (yes/no)
# this line always yes, maybe.
MX_SENDMAIL=yes
# local domain name (defined automatically) <Dm>
MY_DOMAIN=tais.net
# local host name (defined automatically) <Dw>
# V1: with domain name; V5: without domain name
MY_NAME=mail
# addresses which should be accepted as local
ACCEPT_ADDRS=''
# general mailer description
# If there is the smrsh program in mail server, you should write
# is as follows. When you check it, you can use which or whereis
# commands.
# usage:
# $ which smrsh
# $ whereis smrsh
PROG_MAILER_PATH='/usr/sbin/smrsh'
# resolve BITNET traffic (static/mx/no/auto)
# You may select auto to this line.
BITNET=auto
# static routing description file
```

```

STATIC_ROUTE_FILE=sendmail.route
# domain names to be delivered directly (all/none/"domain names")
DIRECT_DELIVER_DOMAINS=all
# LOCAL_HOST_* does not check senders address
# '159.119' means '159.119.*.*'.
LOCAL_HOST_IPADDR=159.119
LOCAL_HOST_DOMAIN=tais.net
# ALLOW_RELAY_* does not check relay address
ALLOW_RELAY_TO=tais.net
#--- sendmail-ifax.def

```

sendmail.route is read from sendmail-ifax.def's configuration. This file describe static routes of mail transfer. GW line is written the protocol using mail transfer and mail server name. This mail server name must be registered in /etc/hosts. DOM line is written a domain name(right side of @ mark) of the mail address.

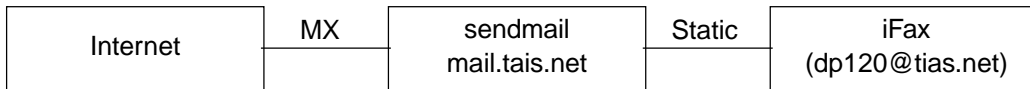
```

#--- sendmail.route
GW smtp:ifax.tais.net
DOM tais.net
#--- sendmail.route

```

## Case 2

The following figure shows another example of network environment. tais.net has IP addresses which are 159.119.\*.\*.



sendmail-ifax.def and tais.net's zone file sets up like Case 1. sendmail.route configuration is as follows.

```

#--- sendmail.route
GW smtp:ifax.mail.tais.net
DOM tais.net
#--- sendmail.route

```

## 2.2 Configuring Qpopper

### 2.2.1 Installing Qpopper

- (1) If you have not get Qpopper, please get the program. You can download from the Internet. The URL is "ftp://ftp.qualcomm.com/eudora/servers/unix/popper/".
- (2) You may have "qpopper4.x.x.tar.gz" file (latest version is "qpopper4.0.2.tar.gz"). Enter the following command to extract the files:

```
$ tar zxvf qpopper4.0.2.tar.gz
$ cd qpopper4.0
```
- (3) Enter the following command to compile Qpopper.

```
$ ./configure --enable-specialauth
$ make
```
- (4) After the command has finished, Enter the following command to install Qpopper program to your system. You might need to be root by su command and etc.

```
# make install
```
- (5) After the installation is completed, modify the "/etc/inetd.conf" file to contain the line below.

```
pop3 stream tcp nowait root /usr/local/lib/popper qpopper -s
```
- (6) Modify the "/etc/services" file to include the following line.

```
pop3 110/tcp #Post Office
```
- (7) Enter the following command to restart inetd.

```
# kill -HUP (a pid of inetd)
```

## 3. Qmail

This section describes an example of configuring the Qmail.

### NOTE:

The instructions in this section are not always applicable to any network environments. Some settings have to be configured differently depending on the network environments or the requirements. Please remember that the instructions here are an example to set up the mail server.

### 3.1 Configuring Qmail

#### 3.1.1 Installing and setting Qmail

- (1) You must set up the Qmail groups and the Qmail users before completing the programs. Enter the following command. You might need to be root by su command and etc.

```
# groupadd nofiles
# groupadd qmail
# useradd -g nofiles -d /var/qmail/alias alias
# useradd -g nofiles -d /var/qmail qmaild
# useradd -g nofiles -d /var/qmail qmail1
# useradd -g nofiles -d /var/qmail qmailp
# useradd -g qmail -d /var/qmail qmailq
# useradd -g qmail -d /var/qmail qmailr
# useradd -g qmail -d /var/qmail qmails
```

- (2) Enter the following command to create the Qmail home directory.

```
# mkdir /var/qmail
# tar xzpf qmail-1.03.tar.gz
# cd qmail-1.03
```

- (3) Enter the following command to compile the programs and create the Qmail directory tree.

```
# make setup check
```

- (4) Enter the following command to run config script.

```
# ./config
```

### NOTE:

If the config script output error message is displayed, you need to edit Qmail's configuration. Please refer to "3.1.2 Qmail's Configuration Files"

- (5) Enter the following command to enable mail addresses of postmaster, MAILER-DAEMON and root.

```
# (cd ~alias; touch .qmail-postmaster .qmail-mailer-daemon .qmail-root)
# chmod 644 ~alias/.qmail*
```



- (6) Set up qmail-smtp in /etc/inetd.conf. (All must be entered on one line.)
- ```
smtp stream tcp nowait qmaild /var/qmail/bin/tcp-env tcp-env
/var/qmail/bin/qmail-smtpd
```
- (7) Describe setting of TCP Wrappers to /etc/hosts.allow.
- ```
tcp-env : localhost 159.119.0.0/16 : setenv = RELAYCLIENT
tcp-env : ALL : ALLOW
```
- (The part "159.119.0.0/16" must be changed suitably to your network.)
- (8) Enter the following command to copy /var/qmail/boot/home to /var/qmail/rc.
- ```
# cp /var/qmail/boot/home /var/qmail/rc
```
- (9) Enter the following command to stop the sendmail daemon.
- ```
# /etc/rc.d/init.d/sendmail stop
```
- (10) Enter the following command to check whether you have any messages in the sendmail queue. A command for check is "sendmail -bp". You will have to try flushing them with "sendmail -q".
- ```
# sendmail -q
# sendmail -bp
```
- (11) Transpose the sendmail program to the Qmail attachment. Enter the following command.
- ```
# cd /usr/sbin
# mv sendmail sendmail.bak
# chmod 0 sendmail.bak
# ln -s /var/qmail/bin/sendmail sendmail
```
- (12) Comment out the comsat line in /etc/inetd.conf, and enter the following command to restart your inetd.
- ```
# /etc/rc.d/init.d/inetd restart
```
- (13) Add the following command to your boot scripts (/etc/rc.d/rc.local). This make the Qmail daemons start whenever your system reboots.
- ```
csh -cf '/var/qmail/rc &'
```
- (14) Restart your computer.

### 3.1.2 Qmail's Configuration Files

For using Qmail, there are several files for configuration.

Control File	Default	Command using this file
me	required	all Qmail's programs
defaultdomain	me	qmail-inject
defaulthost	me	qmail-inject
locals	me	qmail-send
plusdomain	me	qmail-inject
rcphosts	(none)	qmail-smtpd

The descriptions of these files are as following:

#### **me**

Write the FQDN of the mail server to this file. This file is used as a default value when there are not other files, defaultdomain, locals, plusdomain, and rcphosts.

Example:

```
mail.toshiba.com
```

#### **defaultdomain**

Write a domain name that is added after the host part when the domain name of an E-mail address is without a dot.

Example:

```
toshiba.com
```

(In this case, an E-mail address "ifax@ifax" becomes "ifax@ifax.toshiba.com".)

#### **defaulthost**

Write a domain name that is added after the name when "@domainname" is abridged from an E-mail address.

Example:

```
toshiba.com
```

(In this case, an E-mail address "ifax" becomes "ifax@toshiba.com".)

#### **locals**

Write domain names which the email server transfers as a local transmission. When a received E-mail contains the domain name written in this file, the E-mail is controlled by qmail-local.

Example:

```
localhost  
localhost.ifax.toshiba.com  
mail.toshiba.com  
ifax.toshiba.com
```

**plusdomain**

Write a domain name that is added after "+" when the domain name of an E-mail address is finished with "+". (For example, "ifax@ifax+")

**rcpthosts**

Write domain names that the mail server should receive from the Internet. The domain name which may appear in RCPT of SMTP. The mail of domain which has not appeared in rcpthosts is not received.

When writing a domain name started with a dot (for example, ".toshiba.com"), this means that the email server receives all E-mails contains the domain "toshiba.com".

**NOTE:**

rcpthosts is disregarded when environment variable RELAYCLIENT is set up. In this case, qmail-smtpd receives all mails.

### 3.1.3 Installing and setting qmail-pop3d

- (1) Enter the following commands to install checkpassword.

```
$ tar zxvf checkpassword -0.81.tar.gz
$ cd checkpassword -0.81
$ make
# su
# cp checkpassword /bin/
# chmod 700 /bin/checkpassword
```

- (2) Check /etc/services. You need check whether there is the following line in it.

```
pop3 110/tcp
```

- (3) Set up qmail-pop3d in /etc/inetd.conf. (All must be entered on one line.)

```
pop3 stream tcp nowait root /var/qmail/bin/qmail-popup YOURHOST
/bin/checkpassword /var/qmail/bin/qmail-pop3d Maildir
```

- (4) Enter the following command to restart inetd.

```
# /etc/rc.d/init.d/inetd restart
```

- (5) Set up Maildir for all accounts that use POP3. For example, creating an account for "ifax" is as following. You might need to be root by su command etc.

```
# su ifax
$ cd /home/ifax
$ /var/qmail/bin/maildirmake $HOME/Maildir
$ echo ./Maildir/ > ~/.qmail
$ chmod 644 ~/.qmail
$ exit
```

## 4. Microsoft Exchange Server

This section describes an example of configuring the Microsoft Exchange Server 5.5 on Windows NT 4.0.

### NOTE:

The instructions in this section are not always applicable to any network environments. Some settings have to be configured differently depending on the network environments or the requirements. Please remember that the instructions here are an example to set up the mail server.

### 4.1 Configuring DNS Server

Before you set up the Microsoft Exchange Server, you must set up the DNS server.

#### 4.1.1 Creating new DNS server name

##### 4.1.1.1 Starting DNS Manager

- (1) Log into Windows NT server as "Administrator".
- (2) Click on [Start] and select [Programs]-[Administrative Tools (Common)]-[DNS Manager].
- (3) The Domain Name Service Manager starts.

##### 4.1.1.2 Creating DNS Server

- (1) Click on the [DNS] menu and select [New Server...].
- (2) The Add DNS Server dialog appears. Enter the name of DNS server and click on [OK].
- (3) The new DNS server is added under the Server List.

##### 4.1.1.3 Creating New Zone

When this server has not managed the domain that your mail server will belong, you must create a zone.

- (1) Select the DNS server you added from the Server List. Click on the [DNS] menu and select [New Zone...].
- (2) The Creating new zone for XXXX (XXXX is a DNS server name) dialog appears. Select [Primary] and click on [Next].
- (3) Enter the internet domain name of your local area network in the [Zone Name] field (For example: toshiba.com). The Zone File name is automatically entered when you enter the Zone Name (For example: "toshiba.com.dns" when the Zone name is "toshiba.com").
- (4) Click on [Next].
- (5) Click on [Finish] to complete creating a zone.

#### 4.1.1.4 Creating New Host

- (1) Select the zone that you created under the DNS server from Server List. The zone information details are displayed at the right window.
- (2) Click on the [DNS] menu and select [New Host...].
- (3) The New Host dialog appears. Enter the host name and IP address of the Exchange Server and click on [Add Host].
- (4) Enter the host name and IP address of the Internet Fax unit and click on [Add Host].
- (5) When all host names that you require are added, click on [Done] to close the New Host dialog.
- (6) Click on the [DNS] menu and select [New Record...] to add a MX record for the Exchange Server.
- (7) The New Resource Record dialog appears. Select "MX Record" in the Record Type list, and enter the host name and Mail Exchange Server DSN Name for the Exchange Server. At the [Preference Number], enter "10" and click on [OK].
- (8) Click on the [DNS] menu and select [New Record...] to add a MX record for the Internet Fax unit. (This is required when you perform the Offramp Gateway transmission using the Internet Fax unit.)
- (9) The New Resource Record dialog appears. Select "MX Record" in the Record Type list, and enter the host name and Mail Exchange Server DNS Name for the Internet Fax unit. At the [Preference Number], enter "10" and click on [OK].
- (10) Restart your computer (or restart the DNS Service).

## 4.2 Configuring Microsoft Exchange Server

### 4.2.1 Installing Microsoft Exchange Server

- (1) Insert the CD-ROM for the Microsoft Exchange Server and start the installer.
- (2) The Organization and Site screen appears. Select [Create a new site], and then enter the Organization Name and Site Name. Those will be the MTA's domain name. For example, when you enter "EXCH" for the Organization Name and "TOSHIBA" for the Site Name, the MTA's domain name will be "EXCH.TOSHIBA.com".
- (3) Click on [OK].
- (4) The Microsoft Exchange Server Setup screen appears. Click on [Run Optimizer].
- (5) The Microsoft Exchange Performance Optimizer screen appears. Click on [Next].
- (6) The screen shows how the system parameters should be configured. If you do not have to change this items, use the default settings and click on [Next].
- (7) The Warning message is displayed. Click on [Next].
- (8) The Restart Services list is displayed. Click on [Finish] to complete the installation.

### 4.2.2 Creating Internet Mail Service

- (1) Click on [Start] and select [Programs]-[Microsoft Exchange]-[Microsoft Exchange Administrator].
- (2) The Connect to server dialog appears. Click on [Browse].
- (3) The Server Browser dialog appears. Select this server and click on [OK].
- (4) Click on [OK] to connect to the server.
- (5) The Microsoft Exchange Administrator starts.
- (7) Select the "connections" container at the left menu.
- (6) Click on the [File] menu and select [New Other]-[Internet Mail Service...].
- (7) The Internet Mail Wizard appears. Click on [Next].
- (8) Click on [Next].
- (9) Select the Exchange Server Name to install the Internet Mail Service. Click on [Next].

#### **NOTE:**

If you do not install the DNS server on your computer, the error message is displayed after clicking on [Next]. In this case, install the DNS server and try again. Or if the DNS server is running another PC, you have to set up the TCP/IP Protocol on this computer to use the DNS server. To do this, open the TCP/IP Protocol Properties dialog from the Network properties, and enter the Host Name and Domain of DNS server at the [DNS] tab.

- (10) Select [Use domain name system [DNS] to send mail (Typical)] and click on [Next].
- (11) Select [All internet mail addresses (Typical)] and click on [Next].

- (12) The domain name of the Internet mail address is displayed. Usually use the entered address. Click on [Next].
- (13) Select [(Create/Use) the mailbox called Administrator] and click on [Next].
- (14) Enter the administrator password and click on [Next].
- (15) Click on [Finish]. The Installing Internet Mail Service message is displayed.
- (16) After few minutes, the message is displayed that tells you the Internet Mail Service successfully installed and started. Click on [OK] to complete the operation.

### **4.2.3 Creating Internet Mail Account for Users**

- (1) Click on [Start] and select [Programs]-[Microsoft Exchange]-[Microsoft Exchange Administrator].
- (2) Select the "recipients" container at the left menu.
- (3) Click on the [File] menu and select [New Mailbox].
- (4) The Properties dialog appears. At the [General] tab, enter the user name in the [Display] field and [Alias] field, and click on [OK].
- (5) The Primary Windows NT Account dialog appears. Select [Create a new Windows NT account] and click on [OK].
- (6) The Create Windows NT Account dialog appears. Usually use the value already entered. Click on [OK].
- (7) The Warning message is displayed. This message tells that the password for new account set as no password (blank). In this case, the user can decide the password at the first time the user connects to the mail server.
- (8) Click on [OK].

#### **NOTE:**

If you want to set the password for an account other than allowing to user to set the password, use the User Manager in the Administrator's Tool Program folder to set a permanent password.



## 5. About Client MUA

This section describes the memorandum for settings of Client MUA on client computers. Before sending an E-mail to the Internet Fax unit from PC clients, clients must understand the restrictions and limitations of the E-mail that can be received by the Internet Fax unit.

- Most email applications can set up the format of the body text of an E-mail message: plain text format or HTML format. When an E-mail has been sent to the Internet Fax in a HTML format, the machine prints out the source text of the HTML message (that means the body texts are printed with HTML tags.) Therefore, it is recommended to use a plain text format when sending an E-mail to the Internet Fax unit from PC clients.
- The Internet Fax unit supports only the MIME format text. The text format must be set to the MIME type when sending an E-mail to the Internet Fax unit from PC clients.
- The Internet Fax unit can print out only text messages and TIFF-FX image files attached to an E-mail. In addition, the resolution of the TIFF-FX images should be 200x100, 200x200, 200x400, or 400x400.

## Chapter 5. TROUBLESHOOTING

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# Chapter 5 Troubleshooting

This chapter describes how to download the update firmware for the Internet Fax PC Board, and the Network Interface Card.

## 1. Error Message

When an error occurs, an error message is indicated on the LCD display.

### 1.1 Check E-mail Error

The following table describes error messages displayed when pressing the [CHECK E-MAIL] key.

Error Message	Cause	Solution
Network access error	The Network Interface Card or Internet Fax unit has been damaged.	The Network Interface Card or Internet Fax unit must be replaced.
Not POP3 receive mode	The Receive Mode is set to SMTP.	Select POP for the Receive Mode. If the Receive Mode is set to SMTP, the [CHECK E-MAIL] key is not available.
Not exist POP3 server	The machine cannot find the POP server in the network.	Check the IP address of the POP server is set correctly. If it is correctly set, ask your network administrator if the mail server is correctly active.
Not exist IP address	The IP address of this machine has not been assigned.	Assign the IP address of this machine.
Not exist E-mail	No E-mail has been received.	-
Bad POP3 login name	Your user name is incorrect or locked to log in the POP server, or the password is incorrect.	Check the POP login name and password is set correctly. Of they are correctly set, ask your network administrator if your login name is not locked.
Not connect POP3 server	The machine cannot connect to the POP server.	Check the IP address of the POP server is set correctly. If it is correctly set, ask your network administrator if your POP account is correctly set on the mail server.

## 1.2 Input Error

The following table describes error messages displayed when inputting address, number, or others.

Error Message	Cause	Solution
Network access error	The Network Interface Card or Internet Fax unit has been damaged.	The Network Interface Card or Internet Fax unit must be replaced.
Invalid data	<ul style="list-style-type: none"> <li>• "0" is entered at "Body Page Limit" or "000" is set to any 8-digit section of IP address.</li> <li>• The invalid character is entered.</li> </ul>	Input a correct value.
Name not found	During the name is searching, the same name could not be found.	Input a correct search name.
Number not listed	E-mail address is not registered in the selected One Touch Key, Abbreviated Dial Number, or Group Number.	Select the One Touch Key, Abbreviated Dial Number, or Group Number that E-mail address is assigned.
Invalid E-mail address	The invalid character is entered for E-mail address.	Input a correct E-mail address.
Already assigned	<ul style="list-style-type: none"> <li>• During the registration of One Touch Key or Speed Dial, the selected One Touch Key or Speed Dial has already been assigned.</li> <li>• During the registration of Group Number, selected One Touch Key or Abbreviated Dial Number has already been assigned to the Group Number.</li> </ul>	<ul style="list-style-type: none"> <li>• Select another One Touch Key or Speed Dial to register, or you can modify the selected One Touch Key or Speed Dial.</li> <li>• Select another One Touch Key or Abbreviated Dial Number that has not been assigned to the Group Number.</li> </ul>
Dial number in use	During the modifying the registration of One Touch Key or Speed Dial, the selected One Touch Key or Speed Dial is in use for a transmission.	Wait for the transmission is completed and try again.

### 1.3 Others

The following table describes other error messages displayed during operation.

Error Message	Cause	Solution
Entry memory full	During registration of the One Touch Key or Speed Dial, or during the Internet Fax transmission is performed, there is not enough memory to store the phonebook data because too many destinations are assigned.	Delete unnecessary destinations and try again.
Network disable	The Internet Fax unit cannot be identified or the Internet Fax unit does not respond.	Turn off the power of machine and then on. If this error message is repeatedly displayed, check the connector cable is correctly connected. If the error repeatedly occurs, the Network Interface Card or Internet Fax unit may be required to be replaced.
Network initializing	The Network Interface Card is initializing now.	Wait for initializing is completed.
Internet fax sending	The setting operation is prohibited because the machine is under: <ul style="list-style-type: none"><li>• Transmitting the Internet Fax.</li><li>• Receiving the Internet Fax.</li><li>• Printing.</li><li>• Operating MIB.</li><li>• Operating FTP.</li></ul>	Wait for the machine completes the current operation.

## 1.4 Internet Fax Transmission Error

The following table describes other error messages displayed during sending the Internet Fax.

Error Message	Cause	Solution
E-mail error	An error occurs during sending the Internet Fax.	Print the Transmission Journal and check the error code. Refer to "Error Code Printed on Report".
Memory overflow	The scanned data size of a page exceeds the limitation, or the memory is full while transmitting the Internet Fax.	Change the Message Size Limit and try again.

## 1.5 Internet Fax Reception Error

The following table describes other error messages displayed during receiving the Internet Fax.

Error Message	Cause	Solution
E-mail error	An error occurs during receiving the E-mail.	Print the Reception Journal and check the error code. Refer to "Error Code Printed on Report".
Error mail receive	Fails to retrieving E-mails from the mail server.	Check the E-mail properties settings on the machine. Unless any problems are found in settings, it may be caused by a network traffic. Try again when the network traffic is less.
Memory overflow	Received E-mail is too large to save into the memory.	Ask your sender to reduce the mail size and resend again. If you set the Error E-mail forward address, the E-mail may be forwarded to the computer. Check the E-mail on your PC.

## 1.6 Test Error

These error messages are displayed only in Test Mode.

### 1.6.1 Network Test

Error Message	Cause	Solution
SMTP command error	The SMTP command error occurs in the Network test.	The Network Interface Card or the Internet Fax unit must be replaced.
Network access error	The Network Interface Card or the Internet Fax unit is damaged.	The Network Interface Card or the Internet Fax unit must be replaced.
IP address not exist	The IP address is not assigned. (The IP address is still 0.0.0.0.)	IP address must be assigned.
SMTP server not exist	The SMTP server address is not assigned.	The SMTP server address must be assigned.
SMTP server not connect	An error occurs in the connecting procedure of the SMTP server.	Make sure that the SMTP server is correct or check that the server is configured correctly. (Check whether the server is supported by the Internet Fax unit.)

### 1.6.2 RAM Test

Error Message	Cause	Solution
RAM 0A:NG	Defective 0A RAM.	The Internet Fax unit must be replaced.
RAM 0B:NG	Defective 0B RAM.	
RAM 0C:NG	Defective 0C RAM.	
RAM 0D:NG	Defective 0D RAM.	

### 1.6.3 ROMTest

Error Message	Cause	Solution
Checksum error:Program	The data in the program area is damaged.	Implement the download of the Firmware. If the error repeatedly occurs, the Internet Fax unit must be replaced.
Checksum error:Function	The data in the function setting area is damaged.	
Checksum error:Language	The data in the language area is damaged.	
Checksum error:Boot	The data in the BOOT program area is damaged.	

### 1.6.4 Battery Test

Error Message	Cause	Solution
Battery error	Battery connection becomes defective. Battery-charging cannot be performed. (Defective battery) The Internet Fax unit is damaged.	Check the battery connection. The battery must be replaced or the Internet Fax unit must be replaced.
Low battery	This message can be displayed when the battery-charging is not enough or the battery have not been used for a long time.	Leave the machine for a while its power turned on.



## 2. Error Codes Printed on Reports

### 2.1 Transmit Code

Error Code	Cause	Solution
60	An error occurs during converting the image data.	The Internet Fax unit may be required to be replaced.
61	An error occurs during editing the text data.	The Internet Fax unit may be required to be replaced.
62	Cannot access to the Network Interface Card.	The Network Interface Card or Internet Fax unit may be required to be replaced.
63	Sequence problem occurs in IEEE1284 interface.	Check the connector cable is correctly connected. If the error repeatedly occurs, the Internet Fax unit may be required to be replaced.
71	An error or timeout error occurs during accessing to the SMTP server.	Check the SMTP server address is correctly set. Check your mail server is supported by the Internet Fax or correctly set up for the Internet Fax.
72	The Host Name is incorrect.	Set the Host Name correctly.
73	The E-mail Address of this machine has not been set.	Set the E-mail Address of this machine.
74	The SMTP Server Address has not been set.	Set the SMTP Server Address.
75	The IP Address of this machine has not been set.	Set the IP Address of this machine.
76	The scanned data size of a page exceeds the limitation.	Change the Message Size Limit and try again.
77	The mail server cannot find the destination of E-mail address that you send.	Check the E-mail address that you send and try again.
78	The E-mail Address of this machine is incorrect.	Set the E-mail Address of this machine correctly.
79	An error occurs in the connection of SMTP server because of line traffic.	Try again when the line traffic of your network becomes less.
7A	The unsuccessful DSN is received from the mail server.	Check the E-mail address that you send and try again.
7B	The recipient cannot successfully receive your E-mail and unsuccessful MDN is received.	The capability of E-mail that you send is not supported by the recipient MUA. Check the capability setting and try again.

## 2.2 Receive Code

Error Code	Cause	Solution
80	Sequence problem occurs in IEEE1284 interface.	Check the connector cable is correctly connected. If the error repeatedly occurs, the Internet Fax unit may be required to be replaced.
90	The received image data or text data is damaged. The machine receives the image data in unknown format (non-TIFF-FX format). The encoding type of received E-mail is invalid.	Contact your sender to resend the image data in the TIFF-FX format and in the resolution of either 200x100, 200x200, 400x200, 400x400 (dpi). This E-mail should be forwarded to the Error E-mail Forward Address if programmed. Check received E-mail forwarded to your PC.
91	The received image data or text data is damaged. The machine receives the image data in unknown format (non-TIFF-FX format). The encoding type of received E-mail is invalid.	Contact your sender to resend the image data in the TIFF-FX format and in the resolution of either 200x100, 200x200, 400x200, 400x400 (dpi).
92	An error occurs during analyzing the E-mail. The received E-mail may contain the functions that are not supported by the Internet Fax unit.	Contact the sender and ask to resend the E-mail without functions that not supported by the Internet Fax. This E-mail should be forwarded to the Error E-mail Forward Address if programmed. Check received E-mail forwarded to your PC.
93	An error occurs during analyzing the E-mail. The received E-mail may contain the functions that are not supported by the Internet Fax unit.	Contact the sender and ask to resend the E-mail without functions that not supported by the Internet Fax.
94	Memory overflow occurs.	Contact the sender and ask to resend the E-mail by reducing the size of E-mail. This E-mail should be forwarded to the Error E-mail Forward Address if programmed. Check received E-mail forwarded to your PC.
95	Memory overflow occurs.	Contact the sender and ask to resend the E-mail by reducing the size of E-mail.

Error Code	Cause	Solution
9A	The Offramp Gateway transmission is terminated because of the Gateway Security.	This Offramp Gateway transmission may be sent by unknown user. The E-mail for the Offramp Gateway transmission is printed if the Gateway Print is programmed. Check the printed document and check the sender. This E-mail should be forwarded to the Error E-mail Forward Address if programmed.
9B	The Offramp Gateway transmission is terminated because of the Gateway Security.	This Offramp Gateway transmission may be sent by unknown user. The E-mail for the Offramp Gateway transmission is printed if the Gateway Print is programmed. Check the printed document and check the sender.
9C	Invalid characters are used for the Offramp-E-mail-Address or the length of fax number or subaddress number exceeds the limitation.	Contact the sender and ask to resend using the correct fax number or subaddress. This E-mail should be forwarded to the Error E-mail Forward Address if programmed.
9D	Invalid characters are used for the Offramp-E-mail-Address or the length of fax number or subaddress number exceeds the limitation.	Contact the sender and ask to resend using the correct fax number or subaddress.

## Chapter 6. UPDATING THE FIRMWARE

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# Chapter 6 Updating the Firmware

This chapter describes how to download the update firmware for the Main PWA, Scanner PWA, Internet Fax PC Board, and the Network Interface Card.

## 1. Updating the Firmware on PC Boards (Main PWA, Scanner PWA)

How to update the firmware using the Toshiba Viewer via Network is described in this section. For the details on the other methods, refer to "5. UPDATING THE FIRMWARE" in the Service Handbook on pages 5-1 to 5-23.

### 1.1 Updating the Firmware using TOSHIBA Viewer via Network

You can use the TOSHIBA Viewer via Network to download the firmware to the Main PWA and Scanner PWA.

In order to update the firmware in the Main PWA and Scanner PWA using the TOSHIBA Viewer via Network, you must have the firmware files for the TOSHIBA Viewer via Network.

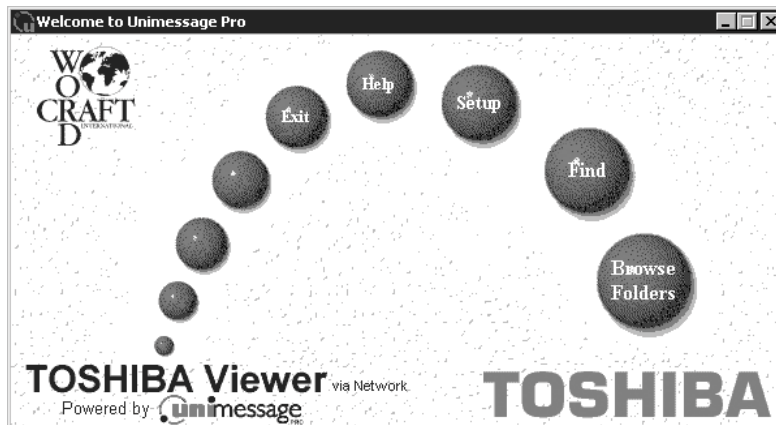
The following shows the firmware files required for the TOSHIBA Viewer via Network:

- Main PWA program file
- Main PWA Kit function file
- Main PWA Kit language file
- Scanner PWA scanner file

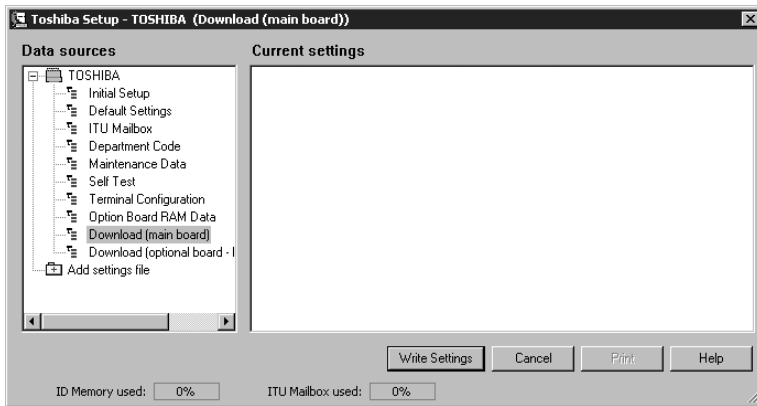
#### NOTE:

You can select the firmware files that you would like to update during the operation. Therefore, all firmware files are not necessarily required.

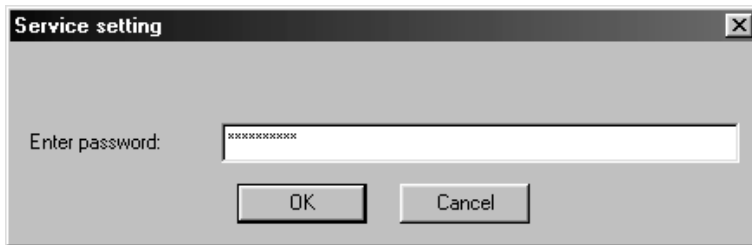
- (1) Set "BootP/DHCP setting" to disable.
- (2) Run the TOSHIBA Viewer via Network.
- (3) At the welcome screen of the TOSHIBA Viewer via Network, click on [Setup]. The Toshiba Setup dialog appears.



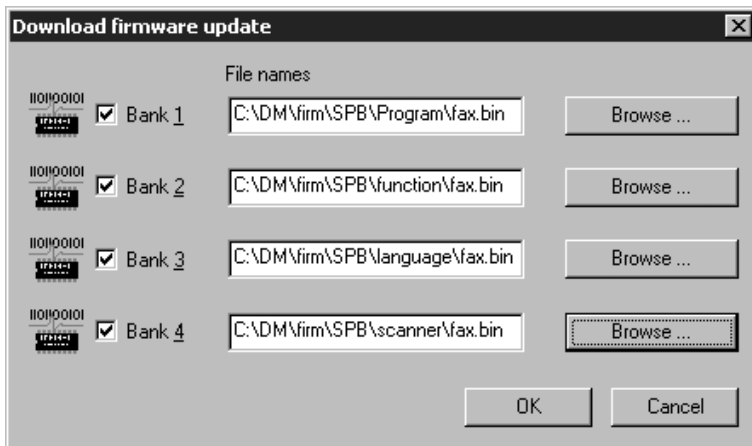
- (4) Select "Download (main board)" from the Data sources list. The Service setting dialog appears.



- (5) Enter the password "TSBSERVICE" and click on [OK]. The Download firmware update dialog appears.



- (6) Check the items (Bank1, Bank2, Bank3, Bank4) that you would like to download and click [Browse...] to select a firmware file for each bank.

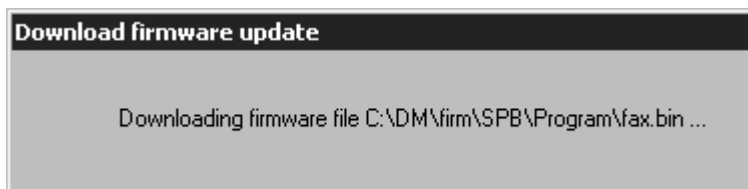


**CAUTION!**

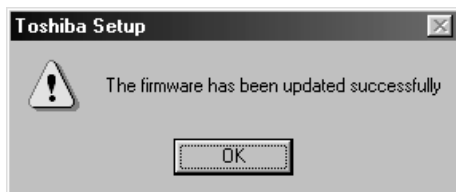
Each Bank has own file type which firmware file is downloaded. Be sure to select a right file for each bank. Following shows the file type for each bank.

- Bank1 ..... Check this for downloading the Main PWA program file
- Bank2 ..... Check this for downloading the Main PWA function file
- Bank3 ..... Check this for downloading the Main PWA language file
- Bank4 ..... Check this for downloading the Scanner PWA scanner file

- (7) Click on [OK] to start downloading. The Download firmware update dialog is continuously displayed during downloading.



- (8) After completing downloading successfully, the message "The firmware has been updated successfully" is displayed. Click on [OK].



## 2. Updating the Firmware on Internet Fax PC Board

There are two methods to update the firmware on Internet Fax PC Board.

- Updating by TOSHIBA Viewer via Network
- Updating by FTP Download

### 2.1 Updating the Firmware using TOSHIBA Viewer via Network

You can use the TOSHIBA Viewer via Network to download the firmware to the Internet Fax unit.

In order to update the firmware in the Internet Fax unit using the TOSHIBA Viewer via Network, you must have the firmware files for the TOSHIBA Viewer via Network.

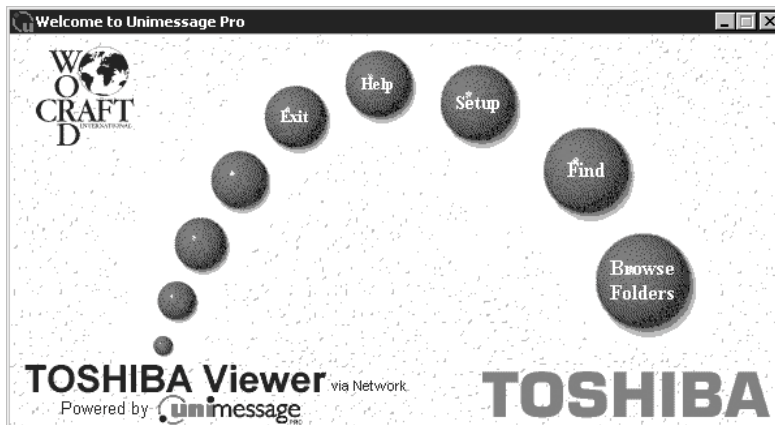
The following shows the firmware files required for the TOSHIBA Viewer via Network:

- Internet Fax Kit program file
- Internet Fax Kit function file
- Internet Fax Kit language file
- Internet Fax Kit Boot file

#### NOTE:

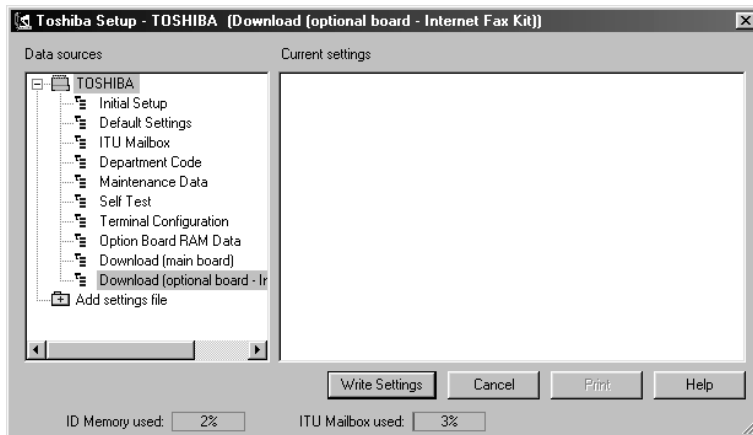
You can select the firmware files that you would like to update during the operation. Therefore, all firmware files are not necessarily required.

- (1) Run the TOSHIBA Viewer via Network.
- (2) At the welcome screen of the TOSHIBA Viewer via Network, click on [Setup]. The Toshiba Setup dialog appears.

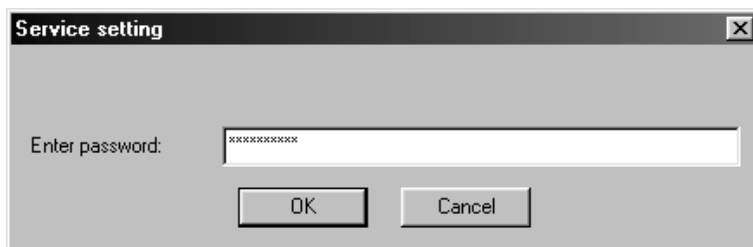




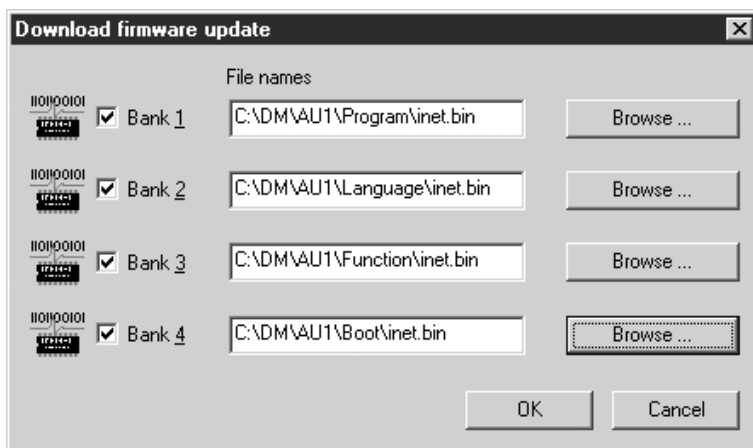
- (3) Select "Download (optional board - Internet Fax Kit)" from the Data sources list. The Service setting dialog appears.



- (4) Enter the password "TSBSERVICE" and click on [OK]. The Download firmware update dialog appears.



- (5) Check the items (Bank1, Bank2, Bank3, Bank4) that you would like to download and click [Browse...] to select a firmware file for each bank.

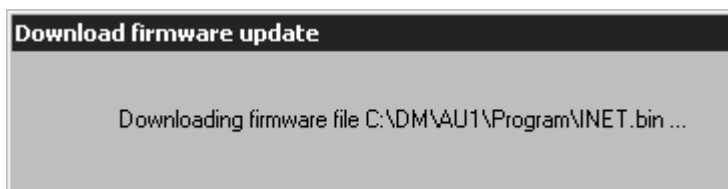


**CAUTION!**

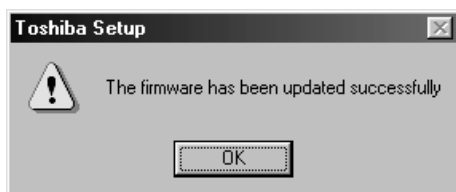
Each Bank has own file type which firmware file is downloaded. Be sure to select a right file for each bank. Following shows the file type for each bank.

- Bank1 ..... Check this for downloading the Internet Fax Kit program file
- Bank2 ..... Check this for downloading the Internet Fax Kit language file
- Bank3 ..... Check this for downloading the Internet Fax Kit function file
- Bank4 ..... Check this for downloading the Internet Fax Kit Boot file

- (6) Click on [OK] to start downloading. The Download firmware update dialog is continuously displayed during downloading.



- (7) After completing downloading successfully, the message "The firmware has been updated successfully" is displayed. Click on [OK].



## 2.2 Updating the Firmware by FTP Download

You can download the firmware files by FTP command from the DOS prompt.

- (1) Run the DOS prompt
- (2) Enter "FTP [XXX.XXX.XXX.XXX]" at the prompt. (Enter the IP address of the facsimile instead of "[XXX.XXX.XXX.XXX].")
- (3) Enter the user name for the FTP login. (Default: public)
- (4) Enter the password for the FTP login. (Default: pass)
- (5) Enter "put [file name]". (Enter the firmware file that you want to download instead of "[file name].")
- (6) Enter "get rppt.txt". Please continuously enter "get rppt.txt" until you get "0Q" in "rppt.txt".
- (7) If you see the "0Q" in the "rppt.txt", the Internet Fax unit restarts immediately. ("0Q" means firmware downloading is succeeded.)
- (8) Enter "quit".
- (9) Please wait 4 minutes.
- (10) When you download another Internet Fax Kit firmware file, repeat the operation.

## 3. Updating the Firmware in Network Interface Card

You can update the firmware in the Network Interface Card from the personal computer using FTP Download utility or Flash Update utility according to your network environment.

- **FTP Download:** This utility is used to update the firmware in the Network Interface Card when the NIC is connected to the computer in the TCP/IP network environment.
- **Flash Update:** This utility is used to update the firmware in the Network Interface Card when the NIC is connected to the computer in the NetWare (IPX/SPX) network environment. The NetWare client software must be installed to Windows and the NetWare server is activated on the network. You must have supervisor rights on the NetWare server to run this program.

### 3.1 Updating the Firmware using FTP Download

Update the firmware in the Network Interface Card from the computer using FTP Download. Before updating, assign the IP address to the Network Interface Card if it has not been assigned.

#### **NOTE:**

While updating the NIC using the FTP Download, you should not access to the NIC HTTP, ping the unit, or use Telnet to attempt to change the IP address in any fashion since this could interfere with the FTP Download process.

- (1) Copy the update file to the local hard disk on your computer.
- (2) Click on "Start" and select "Programs".
- (3) Select the "FTP Download" in the "Programs" menu.
- (4) Click on "FTP Download" in the "FTP Download" folder.
- (5) The FTP Download screen appears.
- (6) Click on the "File" menu and click on "Download...".
- (7) The Select a file to download screen appears.
- (8) Select the folder that the update file is located at "Folders:" and select the update file at the "File name" list.
- (9) Click on [OK].
- (10) The IP Address screen appears.
- (11) Enter the IP address assigned to the Network Interface Card and click on [OK].
- (12) The Password screen appears.
- (13) Leave "Enter Unit Password" a blank and click on [OK].
- (14) The Download Status screen appears. Start downloading.
  - Do not turn off the power of the machine during downloading. It will cause to the fatal dissolution of the Network Interface Card.

- (15) The "Writing update into Flash memory. Do not reset this unit during the next 4 minutes" message is displayed after it completes transferring the Firmware from PC to NIC.
- (16) Click on OK and wait 4 minutes.
- (17) After 4 minutes from seeing above message, turn off the power of the machine and then turn it on to restart the Network Interface Card.

**SUPPLEMENT:**

After restarting the machine, the NIC Status Sheet is automatically printed. The firmware version is listed on the sheet. Confirm the firmware version is changed to the new version.

## **3.2 Updating the Firmware using Flash Update**

Update the firmware in the Network Interface Card from the computer using Flash Update. Before updating, confirm that the NetWare client software is installed on your computer. If not, install it. The NetWare server must be activated on the network and you must have supervisor rights on the NetWare server to run this program.

- (1) Copy the update file to the local hard disk on your computer.
- (2) Click on "Start" and select "Programs".
- (3) Select the "Flash Update" in the "Programs" menu.
- (4) Click on "Flash Update" in the "Flash Update" folder.
- (5) The FTP Download screen appears.
- (6) The Select a file to download screen appears.
- (7) Select the folder that the update file is located at "Folders:" and select the update file at the "File name" list.
- (8) Click on [OK].
- (9) The Select Units To Update screen appears.
- (10) Select the machine from the list and click on [OK].
  - The machine is described with "MFP\_XXXXXX" ("XXXXXX" is the serial number of the NIC) or the printer server name that assigned to the NIC.
- (11) The Flash Update Utility screen appears. Start downloading.
  - Do not turn off the power of the machine during downloading. It will cause to the fatal dissolution of the Network Interface Card.
- (12) The "MFP\_XXXXXX Successful" message is displayed after it completes downloading.
- (13) Click on [OK].
- (14) Turn off the power of the machine and then turn it on to restart the Network Interface Card.

**SUPPLEMENT:**

After restarting the machine, the NIC Status Sheet is automatically printed. The firmware version is listed on the sheet. Confirm the firmware version is changed to the new version.

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# Chapter 7 Appendix

## 1. List and Report

### 1.1 E-mail Notification Reports Print Format

#### 1.1.1 DSN Report

This is a notification message that the mail server has successfully or unsuccessfully delivered the E-mail message to a recipient.

#### Printing Procedure

Auto Print: if programmed

Printing will automatically start when the DSN message is received from the mail server.

#### NOTE:

To receive the DSN from the mail server, you must send an E-mail with the DSN request. Also, the mail server of the recipients should support the DSN.

#### Successful Report of DSN

```
From      : ifax1@toshiba.com
To        : <ifax2@toshiba.com>
Cc        :
Date      : Wed, 4 Jul 2001 15:01:55
Subject   : Delivery Notification (DSN):Success
Envelope-ID : <200106041145840.411001>
```

---

```
This report relates to message you sent with the following header fields:
Message-id: <200106041145840.411001>
To:        ifax1@toshiba.com
Subject:   Internet Fax MAIL

Your message has been successfully delivered to the following recipients:

Recipient address: ifax1@toshiba.com
```

The contents shown below the line are depending on the mail server.

## Unsuccessful Report of DSN

---


```
From      : ifax1@toshiba.com
To        : <ifax2@toshiba.com>
Cc        :
Date      : Wed, 4 Jul 2001 16:58:52 +0900
Subject   : Returned mail: User unknown
Envelope-ID : 200106041165244.076001
```

---

The original message was received at Wed, 4 Jul 2001 16:58:48 +0900  
from [172.16.17.129]

----- The following addressees had permanent fatal errors -----  
<ifax3@toshiba.com>

----- Transcript of session follows -----  
...while talking to [172.16.100.130]:  
>>> RCPT To:<ifax3@toshiba.com> NOTIFY=SUCCESS, FAILURE  
<<< 550 <ifax3@toshiba.com>... User unknown  
550 <ifax3@toshib.com>... User unknown



The contents shown below the line  
are depending on the mail server.

## 1.1.2 MDN Report

This is a notification message that the recipient has successfully received the E-mail message.

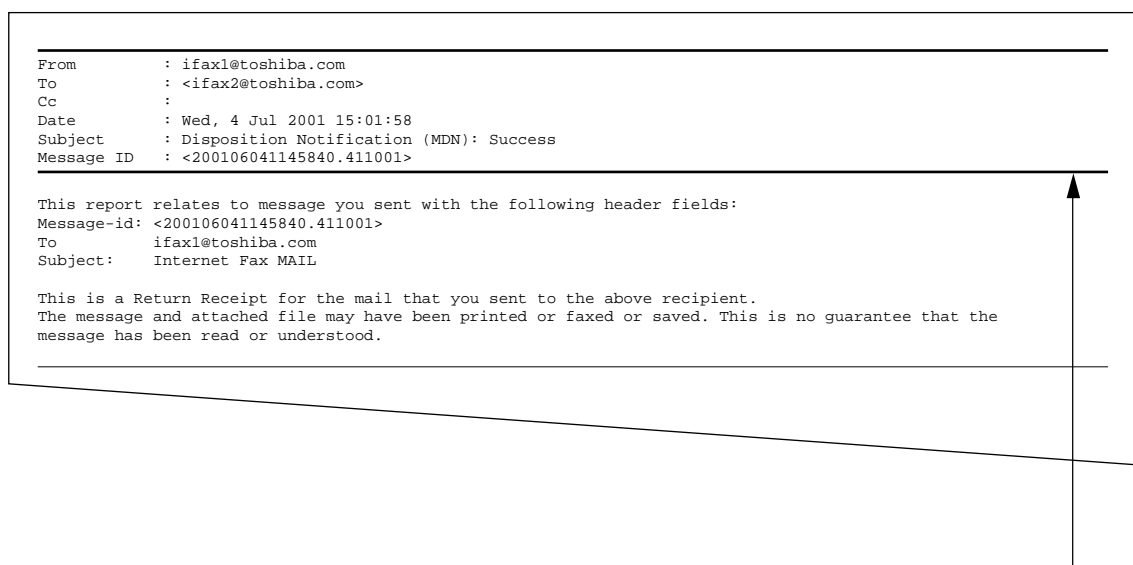
### Printing Procedure

Auto Print: if programmed

Printing will automatically start when the MDN message is received from the recipient.

#### NOTE:

The MDN will not print if the E-mail message has not been successfully received by the recipient, or the recipient does not support the MDN. In this case, you can print the Alert Report that tells you have not received the MDN from the recipient.



\* The contents shown the line are depending on the Internet FAX machine or personal computer at the receiving side.



### 1.1.3 Alert Report

This is a alert report that the recipient has not responded for the MDN.

#### Printing Procedure

Auto Print: if programmed

Printing will automatically start when the time interval set has passed after the Internet Fax transmission has been operated.

#### NOTE:

This report indicates that you could not received the MDN from the recipient. This report may be printed although the E-mail message is successfully received by recipients in case the recipients do not support MDN.

```
JUL-04-01      11:22 F-      039      ALERT REPORT

                                PAGE      :001
                                TIME      :JUL-04-01 11:37
                                E-MAIL   :ifax@toshiba.com

FILE NUMBER      :039
DATE            :JUL-04-01 11:22
TO              :user01@toshiba.com
DOCUMENT PAGES  :001
STATUS          :***NOT SURE IF THIS MESSAGE WAS SENT OR NOT, BECAUSE MDN NOT RECEIVED***
```

## 1.2 List and Report Print Format

### 1.2.1 Transmission/Reception Journal (Communication Journal)

Transmission/Reception Journal shows the result of each communication for up to the past 150 transmission/receptions.

#### Printing Procedure

Auto Print : available if programmed

Printing will automatically start whenever 150 transmissions (or 150 receptions) are completed.

Manual Print:

(1) Press the [FAX] key then the [JOURNAL] key.

(2) To print the 50 communications (1 page), press [1].

To print the 100 communications (2 pages), press [2].

To print the 150 communications (3 pages), press [3].

#### VERY IMPORTANT:

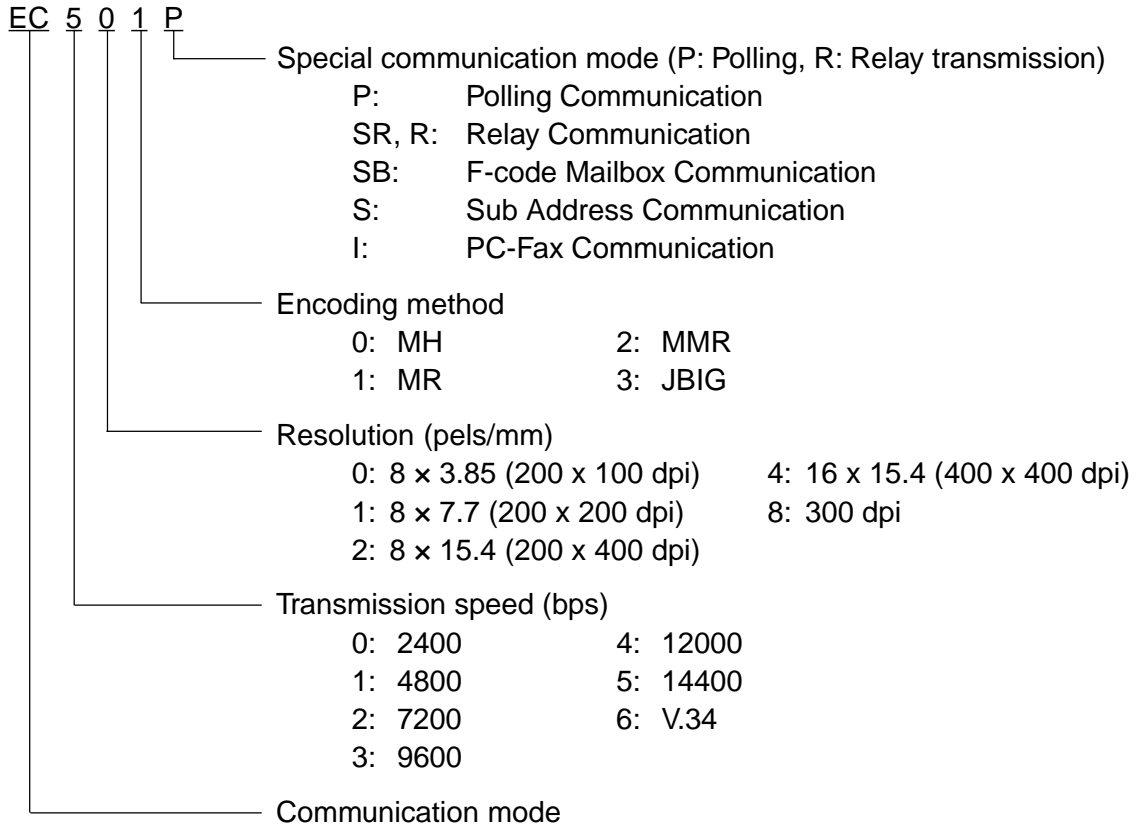
Up to date Activity Journals must be maintained by the user. In the event an electronic circuit board must be replaced in this unit, information pertaining to Scan, Print, and Drum counters must be entered into the replacement electric circuit board. This information is listed at the top of every journal.

The diagram shows a printout titled "TRANSMISSION JOURNAL". At the top right, there is a summary section with the following fields: PAGE (001), TIME (JUL-04-2001 11:48AM), TEL NUMBER (12345678901234567890), E-MAIL (ifax@toshiba.com), NAME (ABCDEFGHIJKLMN), SCAN COUNT (67 (0000043)), PRINT COUNT (97 (0000061)), and DRUM COUNT (970 (000003CA)). Below this is a table with columns: NBR, FILE NBR, DATE, TIME, DURATION, PGS, TO, DEPT NBR, ACCOUNT, MODE, and STATUS. The table contains 10 rows of data. Numbered callouts 1 through 20 point to specific elements: 1 points to the title; 2-8 point to the summary fields; 9 points to the table header; 10 points to the summary section; 11-20 point to the table columns.

NBR	FILE NBR	DATE	TIME	DURATION	PGS	TO	DEPT NBR	ACCOUNT	MODE	STATUS
001	001	JUL-03	12:00AM	00/41	001	12345678901234567890	D 01	9999	G3 330	OK 30
002	010	JUL-03	11:10AM	03/47	006	AABBCC			EC 503 P	OK
003	011	JUL-03	01:14PM	00/24	000	DDEEFFG	D 08		EX 512 R	NG D0
004	014	JUL-03	11:37PM	10/57	012	HHIIJ office	D 20	2000	EC 513	OK
005	028	JUL-04	00:00AM	03/27	003	0559891192			EC 602 SB	NG B2
006	033	JUL-04	11:10AM	01/47	006	CONTENTS dept.			EC 503 I	OK
007	041	JUL-04	11:44AM	00/34	002	user01@toshiba.com			ML 42	SCAN
008	042	JUL-04	11:44AM	00/41	003	TTUUVV@toshiba.com			ML 10	SENT
009	043	JUL-04	11:44AM	00/04	001	aabccc			EC 513	OK
010	047	JUL-04	01:21PM	00/36	023	hhiijj@toshiba.com			ML 10	SENT

- ① List/report name
- ② No. of pages
- ③ Time of output of the list or report
- ④ Facsimile/telephone number of this machine (Max. 40 characters)
- ⑤ E-mail address of this machine (Max. 40 characters) (I-FAX kit is required)
- ⑥ Your station's ID name (Max, 40 characters)
- ⑦ Scan count (indicates the number of scanned pages.)
- ⑧ Print count (indicates the number of printed pages.)
- ⑨ Drum count (indicates the number of pages that the drum was used for printing)
- ⑩ Machine counter information
- ⑪ Serial No. (lists the transmissions in the order they took place. Indicated in 3 digits (001 ~ 999).)
- ⑫ File No. (assigned to the communication jobs and indicated in 3 digits)
- ⑬ Date and time when communication started
- ⑭ Length of each transmission: Minutes/Seconds (If it takes more than 1 hour, "59/59" is indicated. )
- ⑮ Number of pages (indicated in 3 digits (001 ~ 999). More than 1000 pages is indicated as "999".
- ⑯ Remote station's name and Fax/telephone number (When an abbreviated dial number or one touch number is used, the remote station's name is indicated.) The mark "◆" indicates an alternate number or sub-address was used.
- ⑰ Department No. (indicates the department responsible for this transmission job; printed only when the department control option is ON)
- ⑱ Account code (indicated in 4 digits when the account number option is ON and used.)

① Mode (The communication mode and added function are indicated.)

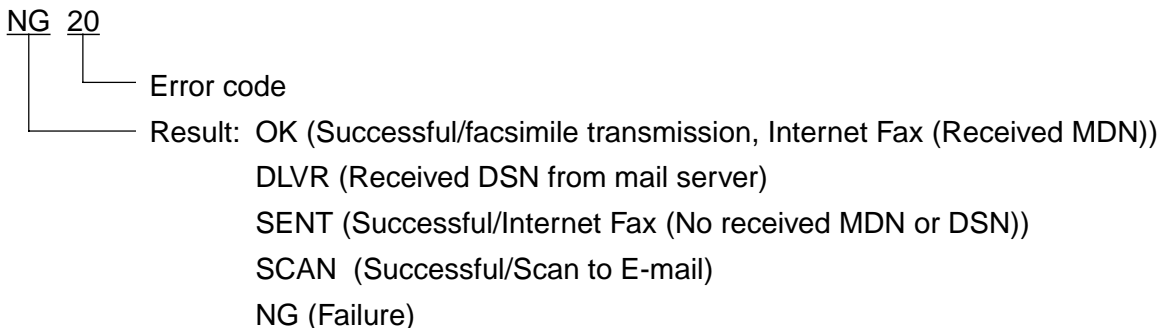


The communication mode is classified as shown below:

Communication Mode	Indication
G3	G3
ECM (*)	EX
ECM	EC
ML	Email
HW, HR	RDC communication

(\*): Toshiba shortened protocol version of the original mode is used.

② Result: The result of the transmission is indicated. If the transmission failed, an error code is indicated. When a transmission was completed normally, nothing is indicated.



## 1.2.2 Memory Transmission Report

This is the result report printed after a Memory Transmission. (A job transmitted after the document is first scanned into memory.)

### Printing Procedure

Auto Print : if programmed

Printing will automatically start after a transmission is completed.

MEMORY TRANSMISSION REPORT	
	PAGE : 001
	TIME : JUL-04-2001 11:48AM
	TEL NUMBER : 12345678901234567890
	E-MAIL : ifax@toshiba.com
	NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN
①	FILE NUMBER : 999
②	DATE : JUL-04 10:21AM
③	TO : ☐ ABCDEFGHIJKLMNOPQRST@toshiba.com
④	DOCUMENT PAGES : 999
⑤	START TIME : JUL-04 10:00AM
⑥	END TIME : JUL-04 10:20AM
⑦	SENT PAGES : 995
⑧	STATUS : SENT
	FILE NUMBER : 004 *** SUCCESSFUL TX NOTICE ***
⑨	image data //////////////////////////////////// ////////////////////////////////////

- ① File number of the memory transmission job (indicated in 3 digits (001 ~ 999))
- ② Date and time when the memory transmission job was accepted
- ③ Remote party's name or facsimile/telephone number, or E-mail address
- ④ Number of pages input in memory
- ⑤ Time when the transmission started
- ⑥ Time when the transmission was completed (When the recovery transmission option is ON, "(RECOVERY TIME: JUL-04 12:48PM)" is added. The data can be resent until the time indicated after "Resend until:" When the transmission is completed normally or the recovery transmission option is OFF, this information is not added.)
- ⑦ Number of pages which were transmitted normally (indicated in 3 digits (001 ~ 999); more than 1000 pages is printed as "999".)
- ⑧ Result: (Result of communication: OK/NG)
- ⑨ The image data on page 1 is reduced and printed.

### NOTE:

The Memory Transmission Report is not printed for the Scan to E-mail transmission.

### 1.2.3 Reservation List

This is a listing of the communication jobs now reserved in memory.

#### Printing Procedure

Manual Print :

- (1) Press the [FAX] key then [RESERVATION LIST] key.

RESERVATION LIST											
PAGE : 001 TIME : JUL-04-2001 11:48AM TEL NUMBER : 12345678901234567890 E-MAIL : ifax@toshiba.com NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN											
⑦	⑥	①	TX/RX	FILE NBR	FUNCTION	PGS	DATE TIME TO	⑨	⑩		
				001	SINGLE TX	001	JUL-03 10:55AM	123456789012345678901234567890			
				002	MULTI TX	011	JUL-03 10:57AM	1234567890 TEL NBR: 123456789012345678901234567890 567-8901 @bcdefghij.ne.kr			
				008	MULTI POLL		JUL-03 11:08AM	ABB.NBR: 001 002 003 004 005 006 007 008 008			
				010	RELAY ORIGINATOR	003	JUL-03 11:23AM	GROUP : 0001 0002 0003 0004 0005 0006 GROUP : 1001 1002 1999			
				011	RELAY STATION	003	JUL-03 11:25AM	059891024 ABB.NBR: 001 002 003 004 O.T NBR: 01 05 07 07 09 09 11 13 15 17 19 GROUP : 1501 1502			
②			TO BE POLLED	FILE NBR	FUNCTION	PGS	DATE TIME TO				
③			RECOVERY TX	POLL/FAX MAILBOX	FUNCTION	PGS	DATE TIME TO				
				208	SINGLE TX	004	JUL-03 10:50AM	12-9012-0			
④			PC JOB	FILE NBR	FUNCTION	PGS	DATE TIME TO				
				501	PC PRINT	001	JUL-03 11:45AM				
				502	PC SEND	001	JUL-03 11:46AM				
				503	PC RECEIVE	001	JUL-03 11:47AM				
⑤			PROG. CONT. POLL	SECURITY CODE : **** INTERVAL : 10MIN TIME PERIOD : 08:15am-05:10PM SCHEDULE : MON-FRI FAX NBR: 1234567890123456789012345678901-01-01-01-0 O.T NBR: 01 02 03 04 05 06 07 08 09 10 008 009 010 011 012 013 ABB NBR: 001 002 003 004 005 006 007 014 015 016							

- ① Accepted transmission/reception
- ② Polling/Free box
- ③ Items which can be resent.
- ④ Reserved PC print and PC transmission/reception
- ⑤ System polling
- ⑥ Number assigned in the order that the job is accepted (indicated in 3 digit (001 ~ 999))
- ⑦ Job type
- ⑧ Number of pages in the reserved document
- ⑨ Reserved time of calling or Time when the file is to be received
- ⑩ Destination where the reserved job is to be sent  
Station's name, facsimile/telephone number, or E-mail address is indicated. Telephone mark (☎) is placed before any keypad entered facsimile/telephone number.

## 1.2.4 Multi-Address Transmission Report

This is the result report printed after a Multi-address Transmission.

### Printing Procedure

Auto Print : if programmed

Printing will automatically start after all transmissions in the operation have been completed successfully or unsuccessfully.

```

MULTI TRANSMISSION REPORT

                                PAGE      : 001
                                TIME       : JUL-04-2001  11:48AM
                                TEL NUMBER : 12345678901234567890
                                E-MAIL    : ifax@toshiba.com
                                NAME      : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN

FILE NUMBER      : 999
DATE            : JUL-04  11:31PM
DOCUMENT PAGES  : 999
START TIME     : JUL-04  11:10PM
END TIME      : JUL-04  11:32PM (RECOVERY TIME : FEB-26 11:31PM)

SUCCESSFUL

GROUP
0100      SAPPORO_office      ABB.  ◆001  002  003  004  ◆005  006  007  008
                                009  010  010  011  012
                                OT   02  ◆05  07  09  09  11

ONE TOUCH NUMBER
11        ◆ABCDEFGHIJKLMNQRST
12        SHIZUOKA_office
13 GROUP 0014 NAHA_office      ABB.  101  102  ◆103
14 ABB.  220  OOSAKA_office

SPEED DIAL
014      Amsterdam
015      ◆Naples
016      New Delhi

TEL NUMBER
☎ 123456789012345678901234567890
☎ 123456789012345678901234567890
☎ 123456789012345678901234567890
☎ 123456789012345678901234567890
☎ 1234567
☎ 0120-444444

E-MAIL
✉ Fushimi_corporation_limited@fu
  shimi.co.jp

UNSUCCESSFUL
PAGE SENT 4

GROUP
0101      Micronesia_office  ABB.  ◆001  123456789012345678901234567890  001
                                002  Marshall  002
                                OT   02  Seychelles  001

ONE TOUCH NUMBERS
13 Group 0014 NAHA_office      ABB.  104  FUTENMA  001
                                105  TINSUKOU  003
                                106  YONAGUNI  001

51        ◆EASTER EGG
55        SENDAI_office

////////////////////////////////////
document image
////////////////////////////////////

```

- ① Document pages: The number of pages input in memory is indicated.
  - ② Receivers where the transmission was completed normally. Receiver's name or facsimile/telephone number is indicated.
  - ③ Receiver where an error occurred (indicated when an error occurs) Receivers' name or facsimile/telephone number is indicated.
  - ④ Pages sent: Number of pages sent normally before an error occurred
  - ⑤ The image data on page 1 is reduced and printed.
- \* "File Number", "Date", "Start Time", and "End Time" in the format are the same as "Memory Transmission Report".





### 1.2.5.2 Abbreviated Dial Number List

Issues a list of remote station dialing numbers assigned as Abbreviated Dial Numbers.

#### Printing Procedure

Manual Print :

- (1) Press the [FAX] key then the [TEL LIST PRINT] key.
- (2) Press [2] to select "2.ABB NUMBERS".

ABBREVIATED TEL NUMBER LIST							
		PAGE	: 001				
		TIME	: JUL-04-2001 11:48AM				
		TEL NUMBER	: 12345678901234567890				
		E-MAIL	: ifax@toshiba.com				
		NAME	: ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN				
ABB. NBR	NAME	TEL NUMBER/E-MAIL ADDRESS	TIME	MONI	BPS	REPORT	MAILMODE
001	ABCDEFGHIJKLMNQRST	123456789012345678901234567890 1234567 ◆3456789012345678901234567890 123456789012345678901234567890 123456789012345678901234567890 1234567 SUB:12345678901234567890 SEP:12345678901234567890 PWD:***** ABCDEFGHIJKLMNQRSTUvwxyzABCD ABCDEFGHIJKLMNQRSTUvwxyzABCD ABCDEFGHIJKLMNQRSTUvwxyzABCD ABCDEFGHIJKLMNQRSTUvwxyz	11:45AM	ON	48	ON	
002	GREENVILLE OFFICE	0559123456@toshiba.com				ON	200x400 JB A4

- ① Abbreviated dial number (indicated in ascending order (001 ~ 999))
- ② Station's name (left-aligned and indicated in a max. of 20 digits)
- ③ Facsimile/telephone number (indicated in a max of 128 digits)  
A sub-address dial is indicated on the next line. (The mark "◆" is added before the facsimile/telephone number.) If SUB/SEP/PWD is registered for the facsimile/telephone number, "SUB: ", "SEP: ", or "PWD: " is added in the front of each line. (Each item has a max. of 20 digits.) The characters of the registered password are indicated by "\*"s.
- ④ Designated time of transmission by the timer  
When there is not a specified time, it is not indicated. (The specified times for the line and E-mail are indicated.)

- ⑤ Line monitoring for each communication (indicated as a communication added function): ON/OFF

When line monitoring is OFF, nothing is indicated.

Transmission speed	Indication
144000 bps	144
9600 bps	96
4800 bps	48
Not specified	Blank

- ⑥ Transmission speed
- ⑦ Report (indicated as a communication added function): ON/OFF  
The settings for the line and E-mail are indicated.
- ⑧ Mail mode  
The resolution and encoding method set for the E-mail address, are indicated.

### 1.2.5.3 Group Number List

Issues a list of One Touch Key and Abbreviated Dial Numbers registered in Multi-address Groups or Multi-polling Groups.

#### Printing Procedure

Manual Print :

- (1) Press the [FAX] key press the [TEL LIST PRINT] key.
- (2) Press [3] to select "3.GROUP NUMBERS".

GROUP NUMBER INFORMATION				PAGE	: 001
				TIME	: JUL-04-2001 11:48AM
				TEL NUMBER	: 12345678901234567890
				E-MAIL	: ifax@toshiba.com
				NAME	: ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN
GROUP NUMBER	NAME	OT/ABB. NUMBER			
0001	ABCDEFGHIJKLMNQRST	OT	01	ABCDEFGHIJKLMNQRST	
			02	AABBCCDD	
			03	EEFFGG	
			04	HHII	
		ABB.	111	ABCDEFGHIJKLMNQRST	
			112	JJKKLLMM	
			113	NNOOPP	
			114	QRRR	
1234	COMPANY_GROUP	OT	11	SSTTUUVV	
			11	SSTTUUVV	
			12	WWXXYY	
			12	WWXXYY	
			13	ZZ	
		ABB.	121	aabbccdd	
			122	eeffgg	
			122	eeffgg	

③                      ④                      ⑤

- ① Group number (indicated in 4 digits in the ascending order)
- ② Group name (indicated in max. 20 characters)
- ③ Type: One touch number/Abbreviated dial number
- ④ One touch number/Abbreviated dial number (indicated in ascending order)
- ⑤ Station's name

### 1.2.5.4 One Touch Number List

Issues a list of dial numbers of the remote stations assigned to One Touch Dial Keys.

#### Printing Procedure

Manual Print :

- (1) Press the [FAX] key then the [TEL LIST PRINT] key.
- (2) Press [4] to select "4.ONE TOUCH NBR".

ONE TOUCH NUMBER INFORMATION							
			PAGE	:	001		
			TIME	:	JUL-04-2001	11:48AM	
			TEL NUMBER	:	12345678901234567890		
			E-MAIL	:	ifax@toshiba.com		
			NAME	:	ABCDEFGHIJKLMN		
①	②	③	④				
OT NBR	NAME/FUNCTION	ABB/FAX NUMBER & E-MAIL	TIME	MONI	BPS	REPORT	MAILMODE
01	ABCDEFGHIJKLMNQRST	123456789012345678901234567890 1234567 ◆123456789012345678901234567890 123456789012345678901234567890 123456789012345678901234567890 1234567 SUB:12345678901234567890 SEP:12345678901234567890 PWD:***** ✉ABCDEFGHIJKLMNQRSTUVWXYZABCD ABCDEFGHIJKLMNQRSTUVWXYZABCD ABCDEFGHIJKLMNQRSTUVWXYZABCD ABCDEFGHIJKLMNQRSTUVWXYZ 0759723288	11:45AM	ON	48	ON	
02	Tokyo Office		12:34PM			ON	200x400 JB A4

- ① One touch number
- ② Station's name/Type of registration
- ③ Abbreviated dial number/Group number/Facsimile telephone number/E-mail address  
The mark "✉" is added before the E-mail address.  
The mark "◆" is added before the facsimile/telephone number when it is a sub-address dial. If SUB/SEP/PWD is registered for the facsimile/telephone number, "SUB:", "SEP:", or "PWD:" is added in the front of each line. (Each item has a max. of 20 digits.) The characters of the registered password are indicated by "\*"s.
- ④ Designated time of transmission (indicated when there is a specified time)  
When there is no specified time, it is not indicated. (The specified times for the line and E-mail are indicated.)

\* "E-mail", "Report", "MON.", "BPS", and "Mailmode" are the same as "Abbreviated Dial Number List".

## 1.2.6 Function List

Issues a list to confirm the functions currently set in this facsimile unit.

### Printing Procedure

Manual Print :

(1) Press: [PROGRAM] then [0] [2] [2]

### Function List (First Copy)

FUNCTION LIST		ROMversion001 ROMversion002	ROMversion003 ROMversion004
		PAGE : 001	
		TIME : JUL-04-2001 11:48AM	
		TEL NUMBER : 12345678901234567890	
		E-MAIL : ifax@toshiba.com	
		NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN	
KEYBOARD TYPE	: QWERTY	RECOVERY TX	: ON
AVAILABLE MEMORY	: 96MB	STORED TIME	: 24HOUR
MACHINE DEFAULTS		TTI	: OFF
CASSETTE SIZE		SEND AFTER SCAN	: ON
CASSETTE1	: A4	ACCOUNT CODE	: OFF
CASSETTE2	: A3	SEPARATOR PAGE	: OFF
CASSETTE3	: A5	SECURE RX	: ON
(CASSETTE4	: A4 )	START TIME	: 06:00PM
BYPASS	: A4	END TIME	: 09:00AM
WALKUP SCREEN	: COPY	SCHEDULE	: SUN SAT
TIMERS		MEMORY RX	: ON
AUTO CLEAR	: 45SEC	RX REDUCTION	: ON
AUTO LOW POWER	: 60SEC	DISCARD	: ON
AUTO SLEEP	: 4MIN	PRIVILEGED RX	: OFF
WEEKLY TIMER	: OFF	RTI	: ON
SPEAKER VOLUME		REPORTS & LIST	
ALARM VOLUME	: 7	JOURNAL	
KEY TOUCH VOLUME	: 7	MANUAL OUTPUT	: TX & RX
RINGER VOLUME	: 7	AUTO	: ON
MONITOR VOLUME	: 7	COMMUNICATION REPORT	
COPY SETUP		DOCUMENT TX	: ALWAYS
APS/AMS	: APS	MEMORY TX	: ALWAYS(IMAGE)
IMAGE MODE	: TEXT/PHOTO	MULTI TX	: ALWAYS(IMAGE)
LIGHT/DARK	: AUTO	MULTI POLL	: ON ERROR
FINISHING	: NON SORT	RELAY ORIGINATOR	: ALWAYS(IMAGE)
FAX SETUP		RELAY STATION	: ALWAYS(IMAGE)
LINE MONITOR	: ALWAYS	RELAY DESTINATION	: ALWAYS(IMAGE)
RECEIVE INTERVAL	: 3MIN	RECEPTION LIST	
ECM	: OFF	LOCAL MAILBOX	: ON
DOCUMENT MODE	: STANDARD	REMOTE MAILBOX	: OFF
LIGHT/DARK	: MANUAL	RELAY STATION	: ON
DIAL TYPE	: PSTN	REMOTE SERVICE	
ACCESS DIGIT	:	REMOTE ACCESS	: OFF
REDIAL MODE		DOWNLOAD FIRMWARE	: NO JOB
INTERVAL	: 1MIN	RDC PASSWORD	:
COUNTER	: 02	TOTAL PAGE	
AUTO RECEIVE MODE	: AUTO	SCAN	: 1394
RING DELAY	: 1	PRINT	: 67277
MEMORY TX	: ON		
SECURITY TX	: OFF		
COVER SHEET	: ON		

## Function List (Second Copy)

FUNCTION LIST		ROMversion001	ROMversion002
		ROMversion003	ROMversion004
		PAGE	: 002
		TIME	: JUL-04-2001 11:48AM
		TEL NUMBER	: 12345678901234567890
		E-MAIL	: ifax@toshiba.com
		NAME	: ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN
NETWORK(TCP/IP)		E-MAIL	
DHCP	: ENABLE	PRINT TEXT BODY	: ON
IP ADDRESS	: 0. 0. 0. 0	BODY PAGE LIMIT	: 5
SUBNET MASK	: 0. 0. 0. 0	SEND MDN	: ON
DEFAULT GATEWAY	: 0. 0. 0. 0	PRINT HEADER	: ON
HOST NAME	:	PRINT E-MAIL ERROR	: ON
NETWORK(E-MAIL)		PRINT DSN	: ON
E-MAIL ADDRESS	: ifax@toshiba.com	PRINT MDN	: ON
ERROR MAIL FW ADDRESS	: user01@toshiba.com	REQUEST DSN	: ON
POP3 OR SMTP	: POP3	E-MAIL TO FAX GATEWAY	: OFF
POP3 SERVER ADDRESS	: 10. 10. 70.101	GATEWAY PRINT	: ON
POP3 INTERVAL	: 10MINS	GATEWAY SECURITY	: ON
POP3 LOGIN NAME	: *****	CONFIRMATION TIMER	: 1HOUR
POP3 PASSWORD	: *****	MESSAGE SIZE LIMIT	: 4.0MB
SMTP SERVER ADDRESS	: 10. 10. 70.101	SCAN	
NETWORK(FTP SERVER)		SCAN RESOLUTION	: 400X400dpi
FTP SERVER LOGIN NAME	: *****	MESSAGE SIZE LIMIT	: 4.0MB
FTP SERVER LOGIN PASSWORD	: *****	FLASH ROM(OPTION)	
NETWORK(LAN FAX)		PROGRAM	: 1AUWWTSP02011
LAN FAX SERVER ADDRESS	: 0. 0. 0. 0		: 05-21-01
NETWORK(NOVELL SETTING)		FUNCTION	: 3AUWWTSP02002
IPX/SPX	: ENABLE		: 05-18-01
FRAME TYPE	: AUTO	LANGUAGE	: 2AUWWTSP02001
NETWORK(APPLE TALK)			: 04-25-01
APPLE TALK PROTOCOL	: DISABLE	BOOT	: 4AUWWTSP02002
			: 05-18-01

## 1.2.7 Menu List

Issues a list of menu items through which functions or options can be set. This list can be a useful guide during machine programming.

### Printing Procedure

Manual Print :

(1) Press: [PROGRAM] then [0] [4]

Menu List (First Copy)

```
MENU LIST (PROGRAM)

PAGE      : 001
TIME      : JUL-04-2001  11:48AM
TEL NUMBER : 12345678901234567890
E-MAIL    : ifax@toshiba.com
NAME      : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN

01.DEFAULT SETTINGS
  01.MACHINE DEFAULTS
    01.CASSETTE SIZE
    02.WALKUP SCREEN
    03.TIMERS
    04.WEEKLY TIMER
    05.SPEAKER VOLUME
    06.DEPARTMENT CODE
  02.COPY SETUP
    01.APS/AMS
    02.IMAGE MODE
    03.LIGHT/DARK
    04.FINISHING
  03.FAX SETUP
    01.LINE MONITOR
    02.RECEIVE INTERVAL
    03.ECM
    04.DOCUMENT MODE
    05.DIAL TYPE
    06.REDIAL MODE
    07.AUTO RECEIVE MODE
    08.MEMORY TX
    09.SECURITY TX
    10.COVER SHEET
    11.RECOVERY TRANSMIT
    12.TTI
    13.SEND AFTER SCAN
    14.ACCOUNT CODE
    15.SEPARATOR PAGE
    16.SECURE RX
    17.MEMORY RX
    18.RX REDUCTION
    19.DISCARD
    20.PRIVILEGED RX
    21.RTI
  04.E-MAIL SETUP
    01.PRINT TEXT BODY
    02.BODY PAGE LIMIT
    03.SEND MDN
    04.PRINT HEADER
    05.PRINT E-MAIL ERROR
    06.PRINT DSN
    07.PRINT MDN
    08.REQUEST DSN
    09.E-MAIL TO FAX GATEWAY
    10.GATEWAY PRINT
    11.GATEWAY SECURITY
    12.CONFIRMATION TIMER
    13.MESSAGE SIZE LIMIT
  05.SCAN SETUP
    01.SCAN RESOLUTION
    02.MESSAGE SIZE LIMIT
  06.REPORT & LIST
    01.JOURNAL
      01.MANUAL OUTPUT
      02.AUTOMATIC JOURNAL
    02.COMMUNICATION REPORT
      01.TX REPORT
      02.MEMORY-TX REPORT
      03.MULTI-ADD REPORT
      04.MULTIPOLL REPORT
      05.RELAY ORIGINATOR REPORT
      06.RELAY STATION REPORT
      07.RELAY END REPORT
    03.RECEPTION LIST
      01.LOCAL MAILBOX LIST
      02.REMOTE MAILBOX LIST
      03.RELAY RECEPTION LIST
  07.REMOTE SERVICE
    01.REMOTE ACCESS
    02.DOWNLOAD FIRMWARE
    03.RDC PASSWORD
    04.SUPPLY ORDER
  02.LISTS
    1.DEPARTMENT CODE
    2.FUNCTION
    3.SUPPLY ORDER
    4.ITU MAILBOX
```



## Menu List (Second Copy)

MENU LIST (PROGRAM)	
	PAGE : 002
	TIME : JUL-04-2001 11:48AM
	TEL NUMBER : 12345678901234567890
	E-MAIL : ifax@toshiba.com
	NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN
03. INITIAL SETUP	03. TEST RESULT LIST
01. DATE & TIME	06. TOTAL PRINT COUNTER
01. SETTING	07. MACHINE REVISIONS
02. TIME FORMAT	
03. DATE MODE	
04. MONTH MODE	
02. LANGUAGE	
03. TERMINAL ID	
04. NETWORK	
01. COMPLETE	
02. TCP/IP	
01. BOOTP/DHCP	
02. IP ADDRESS	
03. SUBNET MASK	
04. DEFAULT GATEWAY	
05. HOST NAME	
03. NETWARE	
01. IPX/SPX	
02. FRAME TYPE	
04. APPLE TALK	
01. ETHER TALK	
05. E-MAIL	
01. E-MAIL ADDRESS	
02. ERROR MAIL FW ADDRESS	
03. RECEIVE MODE	
04. POP SERVER ADDRESS	
05. POP TIME	
06. POP LOGIN NAME	
07. POP PASSWORD	
08. SMTP SERVER ADDRESS	
06. FTP	
01. FTP SERVER LOGIN NAME	
02. FTP SERVER LOGIN PASSWORD	
07. LAN FAX	
01. LAN FAX SERVER ADDRESS	
04. MENU LIST	
05. TEST MODE	
01. AUTO TEST	
02. INDIVIDUAL TEST	
01. ADF TEST	
02. KEY TEST	
03. LED TEST	
04. LCD TEST	
05. SPEAKER TEST	
06. SWITCH TEST	
07. TEST PRINT	

## 1.2.8 Power Failure List

This facsimile has a battery to back up the document memory contents. However, when the power is turned off for a lengthy period (due to a power failure, etc.), the communication data stored in memory will be cleared. A list of the File Numbers of those cleared communications will be printed.

### Printing Procedure

Auto Print :

This list is automatically printed after recovery from a power failure event.

POWER FAILURE LIST				
			PAGE : 001	
			TIME : JUL-04-2001 11:48AM	
			TEL NUMBER : 12345678901234567890	
			E-MAIL : ifax@toshiba.com	
			NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN	
①	TX/RX	FILE NBR TYPE		
		-----		
		001 MULTI TX		
		003 POLLING RX		
		008 MULTI POLLING		
		009 E-MAIL TO FAX GTWY		
		010 OFFRAMP GATEWAY		
		011 RELAY ORIGINATOR		
		012 RELAY STATION		
②	POLL/FAX M-BOX/MAILBOX	FILE NBR TYPE	MAIL	FROM
		-----		
		106 CONFIDENTIAL BOX	12345678901234567890	0559891014
		107 BULLETIN BOARD	12345678901234567890	LOCAL
		108 COVERSHEET		LOCAL
				JUL-03 08:00AM
				JUL-03 11:23AM
				JUL-04 08:27AM
③	MEMORY RECEPTION	FILE NBR TYPE		FROM
		-----		
		201		12345678901234567890
				JUL-02 04:11PM
④	RECOVERY TX	FILE NBR TYPE		
		-----		
		301 SINGLE TX		
⑤	PC JOB	FILE NBR TYPE		
		-----		
		401 PC PRINT		
		402 PC SEND		
		403 PC RECEIVE		

- ① Send/Receive  
The reserved transmission and the reception from the relay station are indicated.
- ② Poll box/Free box/Mail box (indicates that data exists)
- ③ Receive to memory (indicates that data received normally exists)
- ④ Resend stored fax (indicates that data to be resent exists)
- ⑤ PC Job (indicates that data to be printed/sent/received exists)
- ⑥ Job number (assigned when communication was made)
- ⑦ Type of communication job
- ⑧ Mail box number
- ⑨ Station from which the data was input: Local or Facsimile/Telephone number (if provide by the remote device)
- ⑩ Time when the data was input into data memory.

## Power Failure List (Receiving the E-mail from SMTP)

If the E-mail data received via the SMTP mail server was cleared because of an occurrence the power failure, the sender's E-mail address and received data can be checked in this list.

### NOTE

The memory that the E-mail data is saved is not backed up by a battery.

This list is automatically printed after recovery from a power failure.

The diagram shows a rectangular printout area. At the top left, it says "POWER FAILURE LIST". To the right of this, there is a block of text: "PAGE : 001", "TIME : JUL-04-2001 11:48AM", "E-MAIL : ifax@toshiba.com", and "NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN". Below this is a table with four columns: "RECEIVE TO MEMORY", "TYPE", "FROM", and "DATE TIME". The table contains two rows of data. Callout 1 points to the "TYPE" column, callout 2 points to the "FROM" column, and callout 3 points to the "DATE TIME" column.

RECEIVE TO MEMORY	TYPE	FROM	DATE TIME
	E-MAIL RECEIVE	ifax2@toshiba.com	JUL-04-2001 10:50AM
	E-MAIL GTWY	ifax3@toshiba.com	JUL-04-2001 11:18AM

- ① E-mail data type
  - E-MAIL RECEIVE : Normal E-mail data
  - E-MAIL GTWY : E-mail data of Off Ramp Gateway
- ② Sender's E-mail address
- ③ Time when the data was input into data memory.

## 2. User Function Setting Initial Value List

### 2.1 TCP/IP Configuration

BootP/DHCP	:ON
IP Address	:Not assigned
Subnet mask	:Not assigned
Default Gateway	:Not assigned
Host Name	:Not assigned

### 2.2 E-mail Account

E-mail Address	:Not assigned
Error E-mail Forward Address	:Not assigned
Receive Mode	:POP
POP Server Address	:Not assigned
POP Time	:10MINS
POP Login Name	:public
POP Password	:pass
SMTP Server Address	:Not assigned

### 2.3 E-mail Properties

Print Text Body	:ON
Body Page Limit	:5
Send Disposition	:OFF
Print Header	:ON
Print E-mail Error	:ON
Print DSN	:ON
Print Disposition	:ON
Request DSN	:ON
E-mail to FAX Gateway	:OFF
Gateway Print	:ON
Gateway Security	:ON
Confirmation Timer	:1HOUR
MSG Size Limit	:4.0MBYTE

## 2.4 Options

FTP Server Login Name	:public
FTP Server Login Password	:pass
LAN FAX	:Not assigned
IPX/SPX Protocol	: ON
Frame Type	:AUTO

**TOSHIBA**

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